

## GAB2 Knockout cell line (U-2932)

**Catalog Number:** KOA42819

| Product Information        |                                                                                                                                                                         |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | GAB2 Knockout cell line (U-2932)                                                                                                                                        |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                       |
| Storage and transportation | Shipped on dry ice; Store in liquid nitrogen                                                                                                                            |
| Cell morphology            | Human Lymphocyte-like, suspension                                                                                                                                       |
| Passage ratio              | 1 : 2-1 : 4                                                                                                                                                             |
| species                    | Human                                                                                                                                                                   |
| Gene                       | GAB2                                                                                                                                                                    |
| Gene ID                    | 9846                                                                                                                                                                    |
| Build method               | Electroporation/Lentivirus                                                                                                                                              |
| Mycoplasma testing         | negative                                                                                                                                                                |
| Cultivation system         | 90%RPMI-1640+10%FBS                                                                                                                                                     |
| Price (USD)                | Inquiry                                                                                                                                                                 |
| Parental Cell Line         | U-2932                                                                                                                                                                  |
| Quality Control            | Genotype: GAB2 Knockout cell line (U-2932)>95% viability before freezing. All cells were tested and found to be free of bacterial, viruses,mycoplasma and other toxins. |

| Gene Information        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
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| Gene Official Full Name | GRB2 associated binding protein 2provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Gene Description        | This gene is a member of the GRB2-associated binding protein (GAB) gene family. These proteins contain pleckstrin homology (PH) domain, and bind SHP2 tyrosine phosphatase and GRB2 adapter protein. They act as adapters for transmitting various signals in response to stimuli through cytokine and growth factor receptors, and T- and B-cell antigen receptors. The protein encoded by this gene is the principal activator of phosphatidylinositol-3 kinase in response to activation of the high affinity IgE receptor. Two alternatively spliced transcripts encoding different isoforms have been described for this gene. [provided by RefSeq, Nov 2009] |
| Expression              | Ubiquitous expression in brain (RPKM 13.2), bone marrow (RPKM 11.6) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |