

## BSG Knockout cell line (A549)

**Catalog Number:** KO09988

| Product Information        |                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | BSG Knockout cell line (A549)                                                                                                                                          |
| specification              | 1*10 <sup>6</sup>                                                                                                                                                      |
| Storage and transportation | Dry ice preservation/T25 live cell transportation.                                                                                                                     |
| Cell morphology            | Epithelioid, adherent cell                                                                                                                                             |
| Passage ratio              | 1:3~1:4                                                                                                                                                                |
| species                    | Human                                                                                                                                                                  |
| Gene                       | BSG                                                                                                                                                                    |
| Gene ID                    | 682                                                                                                                                                                    |
| Build method               | Electric rotation method / virus method                                                                                                                                |
| Mycoplasma testing         | Negative                                                                                                                                                               |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                       |
| Parental Cell Line         | A549                                                                                                                                                                   |
| Quality Control            | Genotype: BSG Knockout cell line (A549) >95% viability before freezing. All cells were tested and found to be free of bacterial, viruses, mycoplasma and other toxins. |

| Gene Information        |                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | basigin (Ok blood group) provided by HGNC                                                                                                                                                                                                                                                                                                                                                                                |
| Also known as           | OK; 5F7; TCSF; CD147; EMPRIN; HAb18G; EMMPRIN                                                                                                                                                                                                                                                                                                                                                                            |
| Gene Description        | <p>The protein encoded by this gene, basigin, is a plasma membrane protein that is important in spermatogenesis, embryo implantation, neural network formation, and tumor progression. Basigin is also a member of the immunoglobulin superfamily, ubiquitously expressed in various tissues. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2020]</p> |
| Expression              | Ubiquitous expression in heart (RPKM 230.6), colon (RPKM 194.1) and 25 other tissues See more                                                                                                                                                                                                                                                                                                                            |