

## LDLRAP1 Knockout cell line (A549)

Catalog Number: KO28317

### Product Information

|                            |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name               | LDLRAP1 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                       | LDLRAP1                                                                                                                                                                    |
| Gene ID                    | 26119                                                                                                                                                                      |
| Build method               | Electric rotation method / virus method                                                                                                                                    |
| Mycoplasma testing         | Negative                                                                                                                                                                   |
| Cultivation system         | 90% F12K+10% FBS                                                                                                                                                           |
| Parental Cell Line         | A549                                                                                                                                                                       |
| Quality Control            | Genotype: LDLRAP1 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

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene Official Full Name | low density lipoprotein receptor adaptor protein 1 provided by HGNC                                                                                                                                                                                                                                                                                              |
| Also known as           | ARH; ARH1; ARH2; FHCB1; FHCB2; FHCL4                                                                                                                                                                                                                                                                                                                             |
| Gene Description        | The protein encoded by this gene is a cytosolic protein which contains a phosphotyrosine binding (PTD) domain. The PTD domain has been found to interact with the cytoplasmic tail of the LDL receptor. Mutations in this gene lead to LDL receptor malfunction and cause the disorder autosomal recessive hypercholesterolaemia. [provided by RefSeq, Jul 2008] |
| Expression              | Ubiquitous expression in spleen (RPKM 14.0), lymph node (RPKM 12.3) and 25 other tissues See more                                                                                                                                                                                                                                                                |