

ERAP1 Knockout cell line (HeLa)

Catalog Number: KO17922

| Product Information | |
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| Product Name | ERAP1 Knockout cell line (HeLa) |
| specification | 1*10 ⁶ |
| Storage and transportation | Dry ice preservation/T25 live cell transportation. |
| Cell morphology | Epithelioid, adherent cell |
| Passage ratio | 1:3~1:6 |
| species | Human |
| Gene | ERAP1 |
| Gene ID | 51752 |
| Build method | Electric rotation method / virus method |
| Mycoplasma testing | Negative |
| Cultivation system | 90%DMEM+10% FBS |
| Parental Cell Line | HeLa |
| Quality Control | Genotype: ERAP1 Knockout cell line (HeLa) >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 | endoplasmic reticulum aminopeptidase 1provided by HGNC |
| Also known as | ALAP; A-LAP; ARTS1; ERAAP; APPILS; ARTS-1; ERAAP1; PILSAP; PILS-AP |
| Gene Description | The protein encoded by this gene is an aminopeptidase involved in trimming HLA class I-binding precursors so that they can be presented on MHC class I molecules. The encoded protein acts as a monomer or as a heterodimer with ERAP2. This protein may also be involved in blood pressure regulation by inactivation of angiotensin II. Three transcript variants encoding two different isoforms have been found for this gene.[provided by RefSeq, Oct 2010] |
| Expression | Ubiquitous expression in fat (RPKM 18.4), duodenum (RPKM 14.7) and 25 other tissues See more |