

EDEM3 Knockout cell line (A549)

Catalog Number: KO26078

Product Information

Product Name	EDEM3 Knockout cell line (A549)
specification	1*10 ⁶
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:4
species	Human
Gene	EDEM3
Gene ID	80267
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90% F12K+10% FBS
Parental Cell Line	A549
Quality Control	Genotype: EDEM3 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	ER degradation enhancing alpha-mannosidase like protein 3provided by HGNC
Also known as	CDG2V; C1orf22
Gene Description	Quality control in the endoplasmic reticulum (ER) ensures that only properly folded proteins are retained in the cell through recognition and degradation of misfolded or unassembled proteins. EDEM3 belongs to a group of proteins that accelerate degradation of misfolded glycoproteins in the ER (Hirao et al., 2006 [PubMed 16431915]).[supplied by OMIM, Mar 2008]
Expression	Ubiquitous expression in stomach (RPKM 15.9), colon (RPKM 13.5) and 25 other tissues See more