

## POGLUT1 Knockout cell line (HEK293)

Catalog Number: KO07079

### Product Information

Product Name	POGLUT1 Knockout cell line (HEK293)
specification	1*10 <sup>6</sup>
Storage and transportation	Dry ice preservation/T25 live cell transportation.
Cell morphology	Epithelioid, adherent cell
Passage ratio	1:3~1:6
species	Human
Gene	POGLUT1
Gene ID	56983
Build method	Electric rotation method / virus method
Mycoplasma testing	Negative
Cultivation system	90%DMEM+10% FBS
Parental Cell Line	HEK293
Quality Control	Genotype: POGLUT1 Knockout cell line (HEK293) >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	protein O-glucosyltransferase 1provided by HGNC
Also known as	Rumi; CLP46; MDSRP; C3orf9; KTELC1; LGMD2Z; MDS010; hCLP46; KDELCL1; LGMDR21
Gene Description	This gene encodes a protein with both O-glucosyltransferase and O-xylosyltransferase activity which localizes to the lumen of the endoplasmic reticulum. This protein has a carboxy-terminal KTEL motif which is predicted to function as an endoplasmic reticulum retention signal. This gene is an essential regulator of Notch signalling and likely plays a role in cell fate and tissue formation during development. It may also play a role in the pathogenesis of leukemia. Mutations in this gene have been associated with the autosomal dominant genodermatosis Dowling-Degos disease 4. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2014]
Expression	Ubiquitous expression in lymph node (RPKM 6.1), appendix (RPKM 5.7) and 25 other tissues See more