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Product datasheet for RC207512L3V

Glycoprotein 2 (GP2) (NM_001007242) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Glycoprotein 2 (GP2) (NM_001007242) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Glycoprotein 2
Synonyms:	ZAP75
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001007242
ORF Size:	1149 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC207512).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_001007242.1
RefSeq Size:	1998 bp
RefSeq ORF:	1164 bp
Locus ID:	2813
Cytogenetics:	16p12.3
Protein Families:	Druggable Genome, Secreted Protein, Transmembrane
MW:	42.6 kDa

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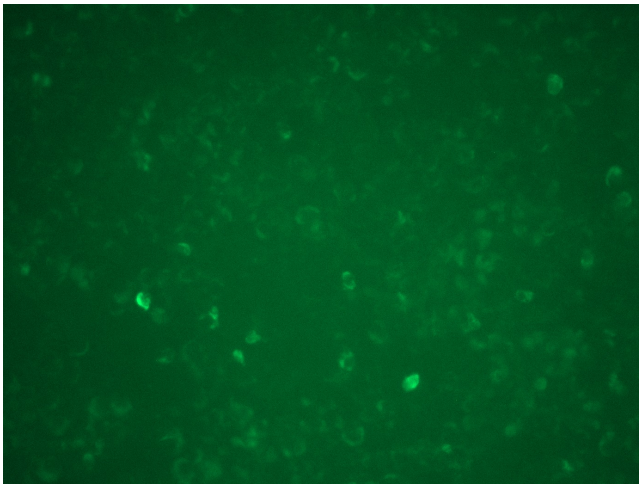
Gene Summary: This gene encodes an integral membrane protein that is secreted from intracellular zymogen granules and associates with the plasma membrane via glycosylphosphatidylinositol (GPI) linkage. The encoded protein binds pathogens such as enterobacteria, thereby playing an important role in the innate immune response. The C-terminus of this protein is related to the C-terminus of the protein encoded by the neighboring gene, uromodulin (UMOD). Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

Product images:



[RC207512L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207512L3V particle to overexpress human GP2-Myc-DDK fusion protein.