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Product datasheet for RC216640L1V

CD98 (SLC3A2) (NM_002394) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CD98 (SLC3A2) (NM_002394) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CD98
Synonyms:	4F2; 4F2HC; 4T2HC; CD98; CD98HC; MDU1; NACAE
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_002394
ORF Size:	1890 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC216640).`
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_002394.4
RefSeq Size:	2347 bp
RefSeq ORF:	1893 bp
Locus ID:	6520
UniProt ID:	P08195
Cytogenetics:	11q12.3
Domains:	alpha-amylase, Aamy
Protein Families:	Transmembrane

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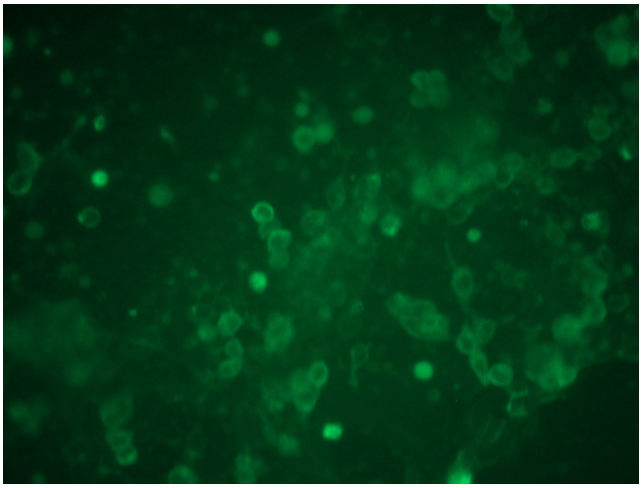
MW: 68 kDa

Gene Summary: This gene is a member of the solute carrier family and encodes a cell surface, transmembrane protein. The protein exists as the heavy chain of a heterodimer, covalently bound through di-sulfide bonds to one of several possible light chains. The encoded transporter plays a role in regulation of intracellular calcium levels and transports L-type amino acids. Alternatively spliced transcript variants, encoding different isoforms, have been characterized. [provided by RefSeq, Nov 2010]

Product images:



[RC216640L1] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC216640L1V particle to overexpress human SLC3A2-Myc-DDK fusion protein.