

Product datasheet for **RC201245L3V**

CD98 (SLC3A2) (NM_001013251) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | CD98 (SLC3A2) (NM_001013251) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | SLC3A2 |
| Synonyms: | 4F2; 4F2HC; 4T2HC; CD98; CD98HC; MDU1; NACAE |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-Myc-DDK-P2A-Puro (PS100092) |
| Tag: | Myc-DDK |
| ACCN: | NM_001013251 |
| ORF Size: | 1587 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC201245). |
| 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_001013251.2 |
| RefSeq Size: | 1938 bp |
| RefSeq ORF: | 1590 bp |
| Locus ID: | 6520 |
| UniProt ID: | P08195 |
| Cytogenetics: | 11q12.3 |
| Protein Families: | Transmembrane |
| MW: | 57.9 kDa |



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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]