

## Product datasheet for **RC223061L4V**

### CD10 (MME) (NM\_007287) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | CD10 (MME) (NM_007287) Human Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | CD10   |
| Synonyms:                 | CALLA; CD10; CMT2T; NEP; SCA43; SFE  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_007287  |
| ORF Size:                 | 2250 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC223061).   |
| 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. <a href="#">More info</a> |
| 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:                   | <a href="#">NM_007287.1</a>  |
| RefSeq Size:              | 5619 bp  |
| RefSeq ORF:               | 2253 bp  |
| Locus ID:                 | 4311   |
| UniProt ID:               | <a href="#">P08473</a>   |
| Cytogenetics:             | 3q25.2   |
| Domains:                  | Peptidase_M13  |
| Protein Families:         | Druggable Genome, Protease, Transmembrane  |



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**Protein Pathways:** Alzheimer's disease, Hematopoietic cell lineage, Renin-angiotensin system

**MW:** 85.5 kDa

**Gene Summary:** The protein encoded by this gene is a type II transmembrane glycoprotein and a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). The encoded protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. [provided by RefSeq, Aug 2017]