

Product datasheet for **RC219858L2V**

NEU2 (NM_005383) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | NEU2 (NM_005383) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NEU2 |
| Synonyms: | SIAL2 |
| Mammalian Cell Selection: | None |
| Vector: | pLenti-C-mGFP (PS100071) |
| Tag: | mGFP |
| ACCN: | NM_005383 |
| ORF Size: | 1140 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC219858). |
| 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_005383.1 , NP_005374.1 |
| RefSeq Size: | 1143 bp |
| RefSeq ORF: | 1143 bp |
| Locus ID: | 4759 |
| UniProt ID: | Q9Y3R4 |
| Cytogenetics: | 2q37.1 |
| Protein Pathways: | Other glycan degradation, Sphingolipid metabolism |
| MW: | 42.1 kDa |



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Gene Summary:

This gene belongs to a family of glycohydrolytic enzymes which remove sialic acid residues from glycoproteins and glycolipids. Expression studies in COS7 cells confirmed that this gene encodes a functional sialidase. Its cytosolic localization was demonstrated by cell fractionation experiments. [provided by RefSeq, Jul 2008]