

Product datasheet for RC227981L4V

NELL2 (NM_001145110) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | NELL2 (NM_001145110) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NELL2 |
| Synonyms: | NRP2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001145110 |
| ORF Size: | 2517 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC227981). |
| 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_001145110.1 , NP_001138582.1 |
| RefSeq ORF: | 2520 bp |
| Locus ID: | 4753 |
| UniProt ID: | Q99435 |
| Cytogenetics: | 12q12 |
| Protein Families: | Secreted Protein, Transmembrane |
| MW: | 94 kDa |


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Gene Summary:

The protein encoded by this gene is a glycoprotein containing several von Willebrand factor C domains and epidermal growth factor (EGF)-like domains. The encoded protein acts as a homotrimer and is found in the cytoplasm. Several variants encoding a few different isoforms exist, and at least one isoform appears to be a secreted protein. Studies in mouse suggest that this protein plays a role in neural cell growth and differentiation as well as in oncogenesis. [provided by RefSeq, Feb 2009]