

Product datasheet for **RC230717L4V**

Neogenin (NEO1) (NM_001172624) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | Neogenin (NEO1) (NM_001172624) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | NEO1 |
| Synonyms: | IGDCC2; NGN; NTN1R2 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001172624 |
| ORF Size: | 4350 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC230717). |
| 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_001172624.1 , NP_001166095.1 |
| RefSeq ORF: | 4353 bp |
| Locus ID: | 4756 |
| UniProt ID: | Q92859 |
| Cytogenetics: | 15q24.1 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Cell adhesion molecules (CAMs) |
| MW: | 159.3 kDa |



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Gene Summary:

This gene encodes a cell surface protein that is a member of the immunoglobulin superfamily. The encoded protein consists of four N-terminal immunoglobulin-like domains, six fibronectin type III domains, a transmembrane domain and a C-terminal internal domain that shares homology with the tumor suppressor candidate gene DCC. This protein may be involved in cell growth and differentiation and in cell-cell adhesion. Defects in this gene are associated with cell proliferation in certain cancers. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]