

Product datasheet for **RC230713L4V**

Neogenin (NEO1) (NM_001172623) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Neogenin (NEO1) (NM_001172623) 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_001172623
ORF Size:	4224 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230713).
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_001172623.1 , NP_001166094.1
RefSeq ORF:	4227 bp
Locus ID:	4756
UniProt ID:	Q92859
Cytogenetics:	15q24.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)
MW:	154.8 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]