

Product datasheet for RC224596L4V

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Netrin 4 (NTN4) (NM_021229) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Symbol: Netrin 4

Synonyms: PRO3091

Mammalian Cell: Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

Tag: mGFP

ACCN: NM_021229

ORF Size: 1884 bp

ORF Nucleotide Sequence: The ORF insert of this clone is exactly the same as (RC224596).

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_021229.2](#)

RefSeq Size: 3607 bp

RefSeq ORF: 1887 bp

Locus ID: 59277

UniProt ID: [Q9HB63](#)

Cytogenetics: 12q22



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Domains: NTR, EGF_Lam, laminin_Nterm

Protein Families: Transmembrane

Protein Pathways: Axon guidance

MW: 69.9 kDa

Gene Summary: This gene encodes a member of the netrin family of proteins, which function in various biological processes including axon guidance, tumorogenesis, and angiogenesis. Netrins are laminin-related proteins that have an N-terminal laminin-type domain, epidermal growth factor-like repeat domain, and a positively charged heparin-binding domain at the C-terminus. The protein encoded by this gene is involved in processes including neurite growth and migration, angiogenesis and mural cell adhesion to endothelial cells. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2016]