

Product datasheet for RC207713L1V

OriGene Technologies, Inc.

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Talin 1 (TLN1) (NM_006289) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: Talin 1 (TLN1) (NM 006289) Human Tagged ORF Clone Lentiviral Particle

Symbol: Talin 1

Synonyms: ILWEQ; talin-1; TLN

Mammalian Cell

Selection:

None

Vector: pLenti-C-Myc-DDK (PS100064)

 Tag:
 Myc-DDK

 ACCN:
 NM_006289

ORF Size: 7623 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC207713).

Sequence:
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: <u>NM 006289.2</u>

 RefSeq Size:
 8187 bp

 RefSeq ORF:
 7626 bp

 Locus ID:
 7094

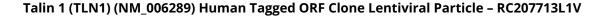
 UniProt ID:
 Q9Y490

 Cytogenetics:
 9p13.3

Domains: B41, I_LWEQ

Protein Families: Druggable Genome





Protein Pathways: Focal adhesion

MW: 269.6 kDa

ORIGENE

Gene Summary: This gene encodes a cytoskeletal protein that is concentrated in areas of cell-substratum and

cell-cell contacts. The encoded protein plays a significant role in the assembly of actin filaments and in spreading and migration of various cell types, including fibroblasts and osteoclasts. It codistributes with integrins in the cell surface membrane in order to assist in the attachment of adherent cells to extracellular matrices and of lymphocytes to other cells. The N-terminus of this protein contains elements for localization to cell-extracellular matrix junctions. The C-terminus contains binding sites for proteins such as beta-1-integrin, actin,

and vinculin. [provided by RefSeq, Feb 2009]