

Product datasheet for **RC207713L1V**

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 Sequence:	The ORF insert of this clone is exactly the same as(RC207713).
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_006289.2
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



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Protein Pathways: Focal adhesion

MW: 269.6 kDa

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]