

Product datasheet for **MR218513L3V**

Stac (NM_016853) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stac (NM_016853) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stac
Synonyms:	MGC130287; MGC130288
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016853
ORF Size:	1212 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218513).
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_016853.2
RefSeq Size:	2515 bp
RefSeq ORF:	1212 bp
Locus ID:	20840
UniProt ID:	P97306
Cytogenetics:	9 61.81 cM



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Gene Summary:

Promotes expression of the ion channel CACNA1H at the cell membrane, and thereby contributes to the regulation of channel activity (PubMed:27149520). Plays a minor and redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity (PubMed:29467163). Slows the rate of calcium-mediated inactivation of CACNA1C calcium channel activity (PubMed:29363593).[UniProtKB/Swiss-Prot Function]