

Product datasheet for **MR206412L4V**

Stac2 (NM_146028) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Stac2 (NM_146028) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Stac2
Synonyms:	24b2; 24b2/STAC2; AW240854
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_146028
ORF Size:	1227 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR206412).
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_146028.2 , NP_666140.1
RefSeq Size:	3049 bp
RefSeq ORF:	1227 bp
Locus ID:	217154
UniProt ID:	Q8R1B0
Cytogenetics:	11 D



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Gene Summary:

Plays a redundant role in promoting the expression of calcium channel CACNA1S at the cell membrane, and thereby contributes to increased channel activity (PubMed:29467163). Slows down the inactivation rate of the calcium channel CACNA1C (PubMed:25548159, PubMed:29363593).[UniProtKB/Swiss-Prot Function]