

Product datasheet for **RC237116**

TSNARE1 (NM_001291931) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	TSNARE1 (NM_001291931) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	TSNARE1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC237116 representing NM_001291931 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCATACGGATCCATCGCCCGTGGAGGTGGCCTGGGGAGCCGTGGCCCTTCGGGGACCTTCGAGAC
AAGGCTGTCAGCCCCTAGCCACCCAGGTCGATCCGTGCAACCTCCAGGAGCTGTTCCAGGAGATGTCGGC
CAACGTCTCCGAATCAACTCCAGTGTGACCTCCTTGGAGCGGAGCCTTCAGTCCTTAGGGACACCGAGT
GACACGCAGGAGCTTCGGGACAGCCTGCACACGGCACAGCAGGAGACCAACAAGACCATTGCAGCCAGCG
CCAGCTCCGTGAAGCAGATGGCCGAGCTGCTGCGCAGCTCCTGCCCGGAGCGTCTGCAGCAGGAGCGTCC
TCAGCTGGACCGCTGAAAACCCAGCTCTCAGATGCCATTGAGTGTGATGGAGTGGTGCAGAAGAAAATT
GCAGAAAAGTCCAGAGCGCTGCTTCCCATGGCGCAGAGGGGCAGTAAACAGCAGAGTCCCCAGGCCCCGT
TTGCCGAGCTGGCTGATGATGAGAAGGTCTTTAACGGGAGTGACAACATGTGCCAGGGCCAGGAGCAGGC
GCTGCTCCCGGACATCACTGAAGAGGACCTGGAGGCCATCCGGCTGCGGGAGGAGGCCATCCTGCAGATG
GAGAGCAACTTGCTGGATGTGAATCAGATCATCAAGGACTTGGCCTCCATGGTGTGAGAGCAAGGAGAAG
CTGTTGATAGTATTGAAGCCAGCCTTGAGGCTGCGTCCTCGCATGCGGAGGCAGCCGCCAGCTCCTGGC
TGGAGCCAGCCGGCACCAACTGATGAGGAGGACGAGACCCCACTGCTTGTGGTGCCTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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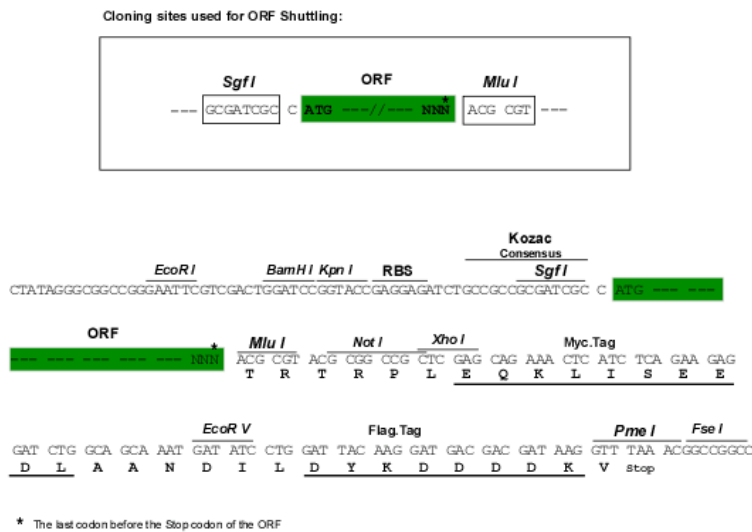
Protein Sequence: >RC237116 representing NM_001291931
Red=Cloning site Green=Tags(s)

MSYGSIA RGGGLGSRGPFGGPSRQGCQPLATQVDP CNLQELFQEMSANVFRINSSVTS LERSLQSLGTPS
 DTQELRDSLHTAQQETNK TIAASASSVKQMAELLRSS CPERLQQERPQLDRLKTQLSDAIQCYGVVQKKI
 AEKSRALLPMAQRGSKQ QSPQAPFAELADDEKVFNGSDNMWQGGEQALLPDITEEDLEAIRLREEAILQM
 ESNLLDVNQI IKDLASMVSEQGEAVDSIEASLEAASSHAEARQLLAGASRHQLMRTRPPAACGCP

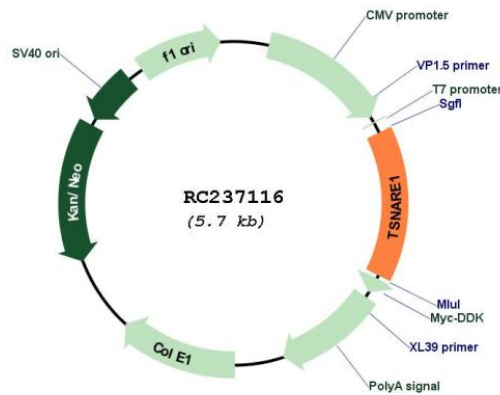
TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001291931

ORF Size: 831 bp

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.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001291931.2
RefSeq Size:	3209 bp
RefSeq ORF:	834 bp
Locus ID:	203062
Cytogenetics:	8q24.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	SNARE interactions in vesicular transport
MW:	30.6 kDa