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Product datasheet for SC316887

SVIP (NM_148893) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SVIP (NM_148893) Human Untagged Clone
Tag:	Tag Free
Symbol:	SVIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC316887 representing NM_148893. Blue=Insert sequence Red=Cloning site Green=Tag(s) GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGGGGCTGTGTTTTCCTTGTCCCGGGGAGTCCGCGCCTCCCACGCCGGACCTGGAAGAGAAAAGAGCA AAGCTTGCAGAGGCTGCAGAGAGAAGACAAAAAGAGGCTGCATCTCGGGGAATTTTAGATGTTCAATCT GTGCAAGAAAAGAGAAAGAAAAAGGAAAAAATAGAAAAACAAATTGCTACATCCGGGCCCCCACCAGAA GGTGGACTTAGGTGGACAGTTTCATAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
Restriction Sites:	SgfI-MluI
ACCN:	NM_148893
Insert Size:	234 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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).

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Reconstitution Method:
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_148893.2

RefSeq Size: 3204 bp

RefSeq ORF: 234 bp

Locus ID: 258010

UniProt ID: Q8NHG7

Cytogenetics: 11p14.3

MW: 8.4 kDa

Gene Summary: Endoplasmic reticulum-associated degradation (ERAD) is the pathway by which misfolded proteins in the endoplasmic reticulum are targeted to the proteasome for degradation. Multiple specialized proteins interact with one another during ERAD to complete this process. The protein encoded by this gene is an inhibitor of ERAD, functioning to disrupt the interaction of these protein components. This downregulation of ERAD may be needed to protect the cell from overactive protein degradation. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Feb 2016] Transcript Variant: This variant (3) differs in the 5' UTR and coding sequence compared to variant 1. The resulting isoform (3) has a shorter and distinct N-terminus compared to isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.