

Product datasheet for **SC337731**

Vesicle docking protein p115 (USO1) (NM_001290049) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Vesicle docking protein p115 (USO1) (NM_001290049) Human Untagged Clone
Tag:	Tag Free
Symbol:	Vesicle docking protein p115
Synonyms:	P115; TAP; VDP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001290049, the custom clone sequence may differ by one or more nucleotides

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ATGAATTTCTCCGCGGGGTAATGGGGGGTCAGAGTGCCGGACCCAGCACACAGAAGCCGAGACGATTC
AAAAGCTTTGTGACAGAGTAGTTCATCTACTTTATTGGATGATCGAAGAAATGCTGTTCTGCTCTCAA
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TGAAGAATAAACTCAAGGATCTGGTCTCCAGTTGAAGAAGAGGATGAACCTGAATCTGGAGACCAAGA
GGATGAGGATGATGAAAGTGAAGATCCTGGCAAGGATCTAGATCATATCTAG
    
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Restriction Sites: SgfI-MluI
ACCN: NM_001290049

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).
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_001290049.1 , NP_001276978.1
RefSeq Size:	4222 bp
RefSeq ORF:	2922 bp
Locus ID:	8615
UniProt ID:	O60763
Cytogenetics:	4q21.1
Gene Summary:	<p>The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated protein 1 recruits this protein to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where it interacts with a set of COPII vesicle-associated SNAREs to form a cis-SNARE complex that promotes targeting to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>