

Product datasheet for **SC330627**

VPS50 (NM_001257998) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	VPS50 (NM_001257998) Human Untagged Clone
Tag:	Tag Free
Symbol:	VPS50
Synonyms:	CCDC132; VPS54L
Vector:	pCMV6-Entry (PS100001)



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Fully Sequenced ORF: >SC330627 representing NM_001257998.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTTAACTTTGGAAGAATTCAGGGAACCTCGAGAACAGCCAAGTGACCCTCAAGCTGAACAAGAGCTT
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001257998
Insert Size: 2805 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).
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_001257998.1
RefSeq Size:	5741 bp
RefSeq ORF:	2805 bp
Locus ID:	55610
UniProt ID:	Q96JG6
Cytogenetics:	7q21.2-q21.3
MW:	107.9 kDa
Gene Summary:	<p>Acts as component of the EARP complex that is involved in endocytic recycling. The EARP complex associates with Rab4-positive endosomes and promotes recycling of internalized transferrin receptor (TFRC) to the plasma membrane. Within the EARP complex, required to tether the complex to recycling endosomes. Not involved in retrograde transport from early and late endosomes to the trans-Golgi network (TGN).[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (3) contains an alternate exon compared to variant 1. The resulting isoform (c) has a shorter and distinct N-terminus compared to isoform a. 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.</p>