

Product datasheet for **SC308648**

BLOC1S3 (NM_212550) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BLOC1S3 (NM_212550) Human Untagged Clone
Tag:	Tag Free
Symbol:	BLOC1S3
Synonyms:	BLOS3; HPS8; RP
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_212550 edited ATGGCGTCCCAGGGTCGTCCGGCAGGCCCTGCGGAGGCCGGAGACGGTGGTGCCGGGG GAGGCGACCGAGACGGATTCCGAGCGCTCTCGTCTCGTCCGAGGAGGAGCTGTAC CTGGGTCTTCGGGCCGACGCGCGGCCGCCACGGGGCTGCGGGTGGCTGGGGGAAAGCC GCGGAGACCGACTCGGAGCCGGAGCCGGAGCCGGAACCGACGGCCGCGCGAGGGACCTG CCTCCACTCGTGGTGCAGCGGGAATCGGCGGAGGAGGCCTGGGGCACGGAGGAGGCCCG GCGCCCGCCCCGCGCTCGTCTGCAACTTCGGCTGGCGGAGAGCCAGGCGCGGCTG GACCACGACGTGGCGGCCCGGTGAGCGGTGTCTACCGCCGTGCAGGCCGCGACGTGGCC GCCCTGGCTAGTAGGCTGGCGGCAGCCAGGCGGGGGCTGGCGGCGGCCACAGCGTG CGCCTGGCGCGGGGACCTTTGTGCGCTGGCCGAGCGTCTGGACATCGTGGCTGGCTGC CGCCTGCTGCCGACATCCGCGGCGTGCCAGGGACCGAGCCTGAGAAAGACCCGGGGCCG CGGGCCTAG
Restriction Sites:	NotI-NotI
ACCN:	NM_212550
Insert Size:	2400 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 clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_212550.2



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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:	<u>NM_212550.1</u> , <u>NP_997715.1</u>
RefSeq Size:	609 bp
RefSeq ORF:	609 bp
Locus ID:	388552
UniProt ID:	<u>Q6QNY0</u>
Cytogenetics:	19q13.32
Gene Summary:	This gene encodes a protein that is a component of the BLOC1 multi-subunit protein complex. This complex is necessary for the biogenesis of specialized organelles of the endosomal-lysosomal system, including platelet dense granules and melanosomes. Mutations in this gene cause Hermansky-Pudlak syndrome 8, a disease characterized by lysosomal storage defects, bleeding due to platelet storage pool deficiency, and oculocutaneous albinism. [provided by RefSeq, Jul 2008]