

Product datasheet for **SC333480**

BLOC1S2 (NM_001282438) Human Untagged Clone

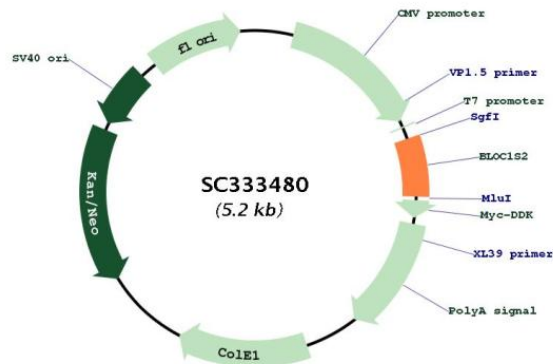
Product data:

Product Type: Expression Plasmids
 Product Name: BLOC1S2 (NM_001282438) Human Untagged Clone
 Tag: Tag Free
 Symbol: BLOC1S2
 Synonyms: BLOS2; BORCS2; CEAP; CEAP11
 Vector: pCMV6-Entry (PS100001)
 Fully Sequenced ORF: >SC333480 representing NM_001282438.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

ATGTTCTCCAAAATGGCCACTTACCTGACTGGGGAAGTACGCGCCACCAGTGAAGACTATAAGCTCCTG
 GAAAATATGAATAAACTCACCAGCTTGAAGTATCTTCAAATGAAAGATATTGCTATAAACATTAGTAGG
 AACTTAAAGGACTTAAACCAGAAATATGCTGGACTGCAGCCTTATCTGGATCAGATCAATGTCATTGAA
 GAGCAGGTAGCAGCTCTGAGCAGGCAGCTTACAAGTTGGATGCATATTCAAAAAACTGGAAGCCAAG
 TACAAGAAGCTGGAGAAGCGATGA

Restriction Sites: SgfI-MluI

Plasmid Map:



ACCN: NM_001282438

Insert Size: 300 bp



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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:	<u>NM_001282438.1</u>
RefSeq Size:	2649 bp
RefSeq ORF:	300 bp
Locus ID:	282991
UniProt ID:	<u>Q6QNY1</u>
Cytogenetics:	10q24.31
MW:	11.5 kDa
Gene Summary:	<p>This gene encodes a protein with multiple functions. The encoded protein has been found in association with the centrosome, shown to co-localize with gamma-tubulin, and also found to be one of the proteins in the BLOC-1 complex which functions in the formation of lysosome-related organelles. A pseudogene of this gene is located on the X chromosome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2012]</p> <p>Transcript Variant: This variant (5) uses an alternate 5' exon structure and thus differs in the 5' UTR and 5' coding region compared to variant 1. These differences cause translation initiation at a downstream AUG and result in an isoform (2) with a shorter N-terminus, compared to isoform 1. Variants 2, 4, and 5 encode the same isoform (2).</p>