

Product datasheet for SC303032

BLOC1S1 (NM_001487) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BLOC1S1 (NM_001487) Human Untagged Clone
Tag:	Tag Free
Symbol:	BLOC1S1
Synonyms:	BLOS1; BORCS1; GCN5L1; MICoA; RT14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC303032 representing NM_001487. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCCCCGGGGAGCCGAGGTGAGCGTTCCAGCTTCCGGAGCCGGAGGGGCCCGCGCTACCCAGCCCC
CAGCCCCGACGTGACCATGCTGTCCCGCTCCTAAAAGAACACCAGGCCAAGCAGAATGAACGCAAGGAG
CTGCAGGAAAAGAGGAGCGAGAGGCTATCACTGCAGCGACCTGCCTGACAGAAGCTTTGGTGGATCAC
CTCAATGTGGGTGTGGCCAGGCCACATGAACCAGAGAAAGCTGGACCATGAGGTGAAGACCCTACAG
GTCCAGGCTGCCAATTTGCCAAGCAGACAGGCCAGTGGATCGGAATGGTGGAGAACTTCAACCAGGCA
CTCAAGGAAATTGGGGATGTGGAGAACTGGGCTCGGAGCATCGAGCTGGACATGCGCACCATGGCCACT
GCACTGGAATATGTCTACAAAGGCGAGCTGCAGTCTGCCCTTCCTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
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Restriction Sites:	Sgfl-MluI
ACCN:	NM_001487
Insert Size:	462 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).



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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).
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_001487.3</u>
RefSeq Size:	590 bp
RefSeq ORF:	462 bp
Locus ID:	2647
UniProt ID:	<u>P78537</u>
Cytogenetics:	12q13.2
MW:	17.3 kDa
Gene Summary:	<p>BLOC1S1 is a component of the ubiquitously expressed BLOC1 multisubunit protein complex. BLOC1 is required for normal biogenesis of specialized organelles of the endosomal-lysosomal system, such as melanosomes and platelet dense granules (Starcevic and Dell'Angelica, 2004 [PubMed 15102850]).[supplied by OMIM, Mar 2008]</p> <p>Transcript Variant: This variant (1) encodes the supported protein.</p>