

Product datasheet for TP324412L

BLOC1S1 (NM_001487) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human biogenesis of lysosomal organelles complex-1, subunit 1 (BLOC1S1), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC224412 protein sequence Red=Cloning site Green=Tags(s)
	<p>MLSRLLEKHQAKQNERKELQEKRRREAITAATCLTEALVDHLNVGVAQAYMNRKLDHEVKTQVQAAQF AKQTGQWIGMVENFNQALKEIGDVENWARSIELDMRTIATALEYVYKGLQSAPS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	14.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001478
Locus ID:	2647
UniProt ID:	P78537
RefSeq Size:	590



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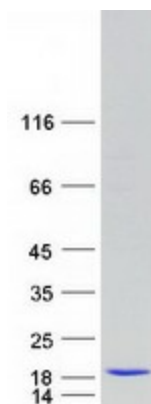
Cytogenetics: 12q13.2

RefSeq ORF: 375

Synonyms: BLOS1; BORCS1; GCN5L1; MICoA; RT14

Summary: 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]

Product images:



Coomassie blue staining of purified BLOC1S1 protein (Cat# [TP324412]). The protein was produced from HEK293T cells transfected with BLOC1S1 cDNA clone (Cat# [RC224412]) using MegaTran 2.0 (Cat# [TT210002]).