

Product datasheet for PH324412

BLOC1S1 (NM_001487) Human Mass Spec Standard

Product data:

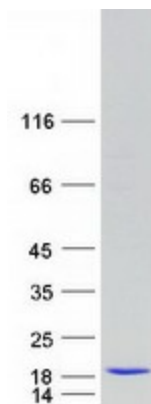
Product Type:	Mass Spec Standards
Description:	BLOC1S1 MS Standard C13 and N15-labeled recombinant protein (NP_001478)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224412
Predicted MW:	14.3 kDa
Protein Sequence:	>RC224412 protein sequence Red=Cloning site Green=Tags(s) MLSRLKKEHQAKQNERKELQEKRRREAITAATCLTEALVDHLNVGVAQAYMNQRKLDHEVKTLLQVQAAQF AKQTGQWIGMVENFNQALKEIGDVENWARSIELDMRTIATALEYVYKQQLQSAPS TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001478
RefSeq Size:	590
RefSeq ORF:	375
Synonyms:	BLOS1; BORCS1; GCN5L1; MICoA; RT14
Locus ID:	2647
UniProt ID:	P78537
Cytogenetics:	12q13.2



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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]).