

Product datasheet for PH302351

BLOC1S2 (NM_001001342) Human Mass Spec Standard

Product data:

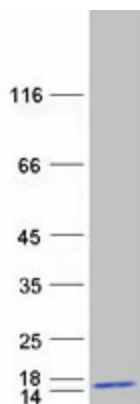
Product Type:	Mass Spec Standards
Description:	BLOC1S2 MS Standard C13 and N15-labeled recombinant protein (NP_001001342)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202351
Predicted MW:	11.5 kDa
Protein Sequence:	>RC202351 protein sequence Red =Cloning site Green =Tags(s) MFSKMATYLTGELTATSEDYKLLNMNKLTSKYLEMKDIAINISRNLKDLNQKYAGLQPYLDQINVIEE QVAALEQAAYKLDAYSKKLEAKYKLEKR 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_001001342
RefSeq Size:	2722
RefSeq ORF:	297
Synonyms:	BLOS2; BORCS2; CEAP; CEAP11
Locus ID:	282991
UniProt ID:	Q6QNY1
Cytogenetics:	10q24.31



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Summary:

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]

Product images:

Coomassie blue staining of purified BLOC1S2 protein (Cat# [TP302351]). The protein was produced from HEK293T cells transfected with BLOC1S2 cDNA clone (Cat# [RC202351]) using MegaTran 2.0 (Cat# [TT210002]).