

Product datasheet for PH321221

BLOC1S3 (NM_212550) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	BLOC1S3 MS Standard C13 and N15-labeled recombinant protein (NP_997715)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221221
Predicted MW:	21.1 kDa
Protein Sequence:	>RC221221 representing NM_212550 Red=Cloning site Green=Tags(s) MASQGRRRRPLRRPETVVPGEATETDSERSASSSEEEELYLGPSGPTGRPTGLRVAGEAAETDSEPEPE PEPTAAPRDLPPLVVQRESAEEAWGTEEAPAPAPARSLQLRLAESQARLDHDVAAA VSGVYRAGR DVA ALASRLAAAQAAGLAAAHSVRLARGDLCALAE RL DIVAGCRLLPDIRGVPGTEPEKDPGPRA TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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_997715
RefSeq Size:	609
RefSeq ORF:	606
Synonyms:	BLOS3; HPS8; RP
Locus ID:	388552
UniProt ID:	Q6QNY0

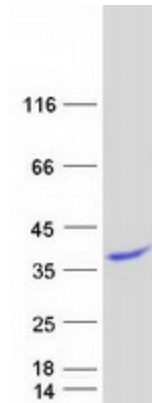


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Cytogenetics: 19q13.32

Summary: This gene encodes a protein that is a component of the BLOC1 multi-subunit protein complex. This complex is necessary for the biogenesis of specialized organelles of the endosomal-lysosomal system, including platelet dense granules and melanosomes. Mutations in this gene cause Hermansky-Pudlak syndrome 8, a disease characterized by lysosomal storage defects, bleeding due to platelet storage pool deficiency, and oculocutaneous albinism. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified BLOC1S3 protein (Cat# [TP321221]). The protein was produced from HEK293T cells transfected with BLOC1S3 cDNA clone (Cat# [RC221221]) using MegaTran 2.0 (Cat# [TT210002]).