

Product datasheet for **TP321221M**

BLOC1S3 (NM_212550) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human biogenesis of lysosomal organelles complex-1, subunit 3 (BLOC1S3), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221221 representing NM_212550 Red =Cloning site Green =Tags(s)

MASQGRRRRPLRRPETVVPGEATETDSERSASSSEEEELYLGPSGPTGRPTGLRVAGEAAETDSEPEPE
PEPTAAPRDLPLVQRESAEEAWGTEEAPAPAPARSLQLRLAESQARLDHDVAAA VSGVYRRAGR DVA
ALASRLAAAQAAGLAAAHSVRLARGDLCALAERLDIVAGCRLLPDIRGVPGTEPEKDPGPRA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	21.1 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:	<u>NP_997715</u>
Locus ID:	388552
UniProt ID:	<u>Q6QNY0</u>



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RefSeq Size: 609

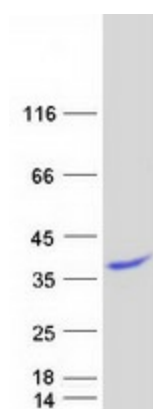
Cytogenetics: 19q13.32

RefSeq ORF: 606

Synonyms: BLOS3; HPS8; RP

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]).