Recombinant Human BLOC1S3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. BLOC1S3-6674H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	BLOC1S3 MS Standard C13 and N15-labeled recombinant protein (NP_997715) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	21.1 kDa
AA Sequence	MASQGRRRRPLRRPETVVPGEATETDSERSASSSEEEELYLGPSGPTRGRPTGLR VAGEAAETDSEPEPEPEPTAAPRDLPPLVVQRESAEEAWGTEEAPAPAPARSLLQL RLAESQARLDHDVAAAVSGVYRRAGRDVAALASRLAAAQAAGLAAAHSVRLARGDL CALAERLDIVAGCRLLPDIRGVPGTEPEKDPGPRATRTRPLEQKLISEEDLAANDILD YKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

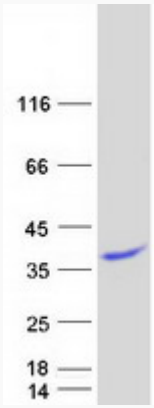
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	BLOC1S3 biogenesis of lysosomal organelles complex 1 subunit 3 [Homo sapiens (human)]
Official Symbol	BLOC1S3
Synonyms	BLOC1S3; biogenesis of lysosomal organelles complex 1 subunit 3; RP; HPS8; BLOS3; biogenesis of lysosome-related organelles complex 1 subunit 3; BLOC-1 subunit 3; biogenesis of lysosome-related organelles complex-1, subunit 3; reduced pigmentation, mouse, homolog of
Gene ID	388552
mRNA Refseq	NM_212550
Protein Refseq	NP_997715
MIM	609762
UniProt ID	Q6QNY0

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SDS-PAGE	

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