

Recombinant Mouse Bloc1s3 Protein, Myc/DDK-tagged

Cat. No. Bloc1s3-1874M Lot. No. (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length biogenesis of lysosomal organelles complex-1, subunit 3 (Bloc1s3), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. Plays a role in intracellular vesicle trafficking.
Molecular Mass	20.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.

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Concentration >50 µg/mL as determined by microplate BCA method

Storage Buffer 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

Gene Name [Bloc1s3 biogenesis of lysosomal organelles complex-1, subunit 3 \[Mus musculus \(house mouse\) \]](#)

Official Symbol [Bloc1s3](#)

Synonyms [Bloc1s3](#); biogenesis of lysosomal organelles complex-1, subunit 3; BL; rp; Blos3; BC043666; E230011O18; biogenesis of lysosome-related organelles complex 1 subunit 3; Bloc-1 complex component; Bloc1 subunit 3; biogenesis of lysosome-related organelles complex-1, subunit 3; reduced pigmentation protein

Gene ID [232946](#)

mRNA Refseq [NM_177692](#)

Protein Refseq [NP_808360](#)

UniProt ID [Q5U5M8](#)

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