

Recombinant Mouse Bloc1s5 Protein, Myc/DDK-tagged

Cat. No. Bloc1s5-1875M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length biogenesis of lysosomal organelles complex-1, subunit 5, muted (Bloc1s5), 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	21.3 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 Bloc1s5 biogenesis of lysosomal organelles complex-1, subunit 5, muted [*Mus musculus* (house mouse)]

Official Symbol [Bloc1s5](#)

Synonyms Bloc1s5; biogenesis of lysosomal organelles complex-1, subunit 5, muted; mu; Muted; 1810074A19Rik; biogenesis of lysosome-related organelles complex 1 subunit 5; BLOC-1 subunit 5; biogenesis of organelles complex-1, subunit 5, muted; protein Muted homolog

Gene ID [17828](#)

mRNA Refseq [NM_139063](#)

Protein Refseq [NP_620702](#)

UniProt ID [Q8R015](#)

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