Recombinant Human BLOC1S5 Protein, MYC/DDK-tagged

Cat. No. BLOC1S5-2708H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human BLOC1S5 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a component of BLOC-1 (biogenesis of lysosome-related organelles complex 1). Components of this complex are involved in the biogenesis of organelles such as melanosomes and platelet-dense granules. A mouse model for Hermansky-Pudlak Syndrome is mutated in the murine version of this gene. Alternative splicing results in multiple transcript variants. Read-through transcription exists between this gene and the upstream EEF1E1 (eukaryotic translation elongation factor 1 epsilon 1) gene, as well as with the downstream TXNDC5 (thioredoxin domain containing 5) gene.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	BLOC1S5 biogenesis of lysosomal organelles complex 1 subunit 5 [Homo sapiens]
Official Symbol	BLOC1S5
Synonyms	BLOS5; MU; MUTED
Gene ID	63915
mRNA Refseq	NM_001199323.1
Protein Refseq	NP_001186252.1
MIM	607289

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