Recombinant Mouse Borcs5 Protein, Myc/DDK-tagged

Cat. No. Borcs5-1882M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length BLOC-1 related complex subunit 5 (Borcs5), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	As part of the BORC complex may play a role in lysosomes movement and localization at the cell periphery. Associated with the cytosolic face of lysosomes, the BORC complex may recruit ARL8B and couple lysosomes to microtubule plus-end-directed kinesin motor. Thereby, it may indirectly play a role in cell spreading and motility.
Molecular Mass	22.1 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.
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	Borcs5 BLOC-1 related complex subunit 5 [Mus musculus (house mouse)]
Official Symbol	Borcs5
Synonyms	Borcs5; BLOC-1 related complex subunit 5; Loh12; AW124643; Loh12cr1; 5830457J20Rik; BLOC-1-related complex subunit 5; loss of heterozygosity 12 chromosomal region 1 protein homolog; loss of heterozygosity, 12, chromosomal region 1 homolog
Gene ID	67774
mRNA Refseq	NM_026371
Protein Refseq	NP_080647
UniProt ID	Q9D920

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