Recombinant Mouse Sar1b Protein, Myc/DDK-tagged

Cat. No. Sar1b-5689M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length secretion associated Ras related GTPase 1B (Sar1b), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Involved in transport from the endoplasmic reticulum to the Golgi apparatus. Activated by the guanine nucleotide exchange factor PREB. Involved in the selection of the protein cargo and the assembly of the COPII coat complex.
Molecular Mass	22.4 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.
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

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Gene Name	Sar1b secretion associated Ras related GTPase 1B [Mus musculus (house mouse)]
Official Symbol	Sar1b
Synonyms	Sar1b; secretion associated Ras related GTPase 1B; S; CMRD; Sarb; Sara2; Sara1b; 2310075M17Rik; 2900019I22Rik; GTP-binding protein SAR1b; SAR1 gene homolog B; SAR1a gene homolog 2; SAR1b gene homolog
Gene ID	66397
mRNA Refseq	NM_025535
Protein Refseq	NP_079811
UniProt ID	Q9CQC9

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