

Recombinant Full Length Human SAR1B Protein, C-Flag-tagged

Cat. No. SAR1B-1808HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Recombinant Full Length Human SAR1B Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.

Species

Human

Source

Mammalian Cells

Description

The protein encoded by this gene is a small GTPase that acts as a homodimer. The encoded protein is activated by the guanine nucleotide exchange factor PREB and is involved in protein transport from the endoplasmic reticulum to the Golgi. This protein is part of the COPII coat complex. Defects in this gene are a cause of chylomicron retention disease (CMRD), also known as Anderson disease (ANDD). Two transcript variants encoding the same protein have been found for this gene.

Form

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

Molecular Mass

22.2 kDa

AA Sequence

MSFIFDWIYSGFSSVLQFLGLYKKTGKLVFLGLDNAGKTTLLHMLKDDRLGQHVPTL
HPTSEELTIAGMT FTTFDLGGHVQARRVWKNYLPAINGIVFLVDCADHERLLESKEE
LDSLMTDETIANVPILILGNKIDRPE AISEERLREMFGLYGQTTGKGSISLKELNARPL
EVFMCSVLKRQGYGEGFRWMAQYID TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining.

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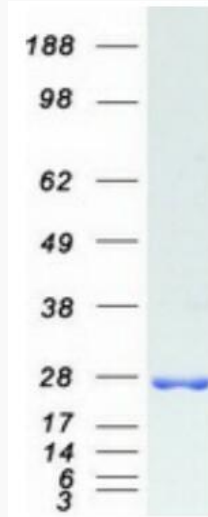
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Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.
GENE INFORMATION	
Gene Name	SAR1B secretion associated Ras related GTPase 1B [Homo sapiens (human)]
Official Symbol	SAR1B
Synonyms	ANDD; CMRD; GTBPB; SARA2
Gene ID	51128
mRNA Refseq	NM_016103.4
Protein Refseq	NP_057187.1
MIM	607690
UniProt ID	Q9Y6B6

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Coomassie blue staining of purified SAR1B protein.

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