

Recombinant Human SAR1B protein, His-tagged

Cat. No. SAR1B-2511H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SAR1B protein(1-198 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-198 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients.
AASequence	MSFIFDWIYSGFSSVLQFLGLYKKTGKLVFLGLDNAGKTTLLHMLKDDRLGQHVPTL HPTSEELTIAGMTFTTDFDLGGHVQARRVWKNYLPAINGIVFLVDCADHERLLESKEEL DSLMTDETIANVPILILGNKIDRPEAISEERLREMFGLYGQTTGKGSISLKELNARPLE VFMCSVLKRQGYGEGFRWMAQYID
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name SAR1B SAR1 homolog B (S. cerevisiae) [Homo sapiens]

Official Symbol SAR1B

Synonyms AR1B; SAR1 homolog B (S. cerevisiae); ANDD; CMRD; GTBPB; SARA2; GTP-binding protein SAR1b; 2310075M17Rik; SAR1a gene homolog 2; GTP-binding protein B; GTP-binding protein Sara; SAR1B; EC 3.6.5

Gene ID 51128

mRNA Refseq NM_016103

Protein Refseq NP_057187

MIM 607690

UniProt ID Q9Y6B6

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