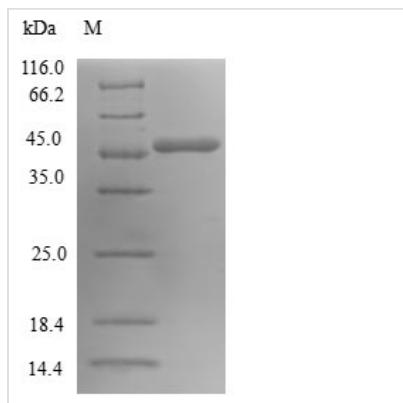




Recombinant Human GTP-binding protein SAR1a (SAR1A)

Product Code	CSB-EP873630HU
Relevance	Involved in transport from the endoplasmic reticulum to the Golgi apparatus. Required to maintain SEC16A localization at discrete locations on the ER membrane perhaps by preventing its dissociation. SAR1A-GTP-dependent assembly of SEC16A on the ER membrane forms an organized scaffold defining endoplasmic reticulum exit sites
Abbreviation	Recombinant Human SAR1A protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9NR31
Alias	COPII-associated small GTPase
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSFIFEWIYNGFSSVLQFLGLYKKSGLVFLGLDNAGKTTLLHMLKDDRLGQH VPTLHPTSEELTIAGMTFTTDFDLGGHEQARRVWKNYLPAINGIVFLVDCADHSR LVESKVELNALMTDETISNVPILILGNKIDRTDAISEEKLREIFGLYGQTTGKGNV TLKELNARPMEVFMCSVLKRQGYGEGFRWLSQYID
Research Area	Signal Transduction
Source	E.coli
Target Names	SAR1A
Protein Names	Recommended name: GTP-binding protein SAR1a Alternative name(s): COPII-associated small GTPase
Expression Region	1-198aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	49.4kDa
Protein Length	Full Length
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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