

Recombinant Human SAR1A Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SAR1A-2134H **Lot. No.** (See product label)

SPECIFICATION

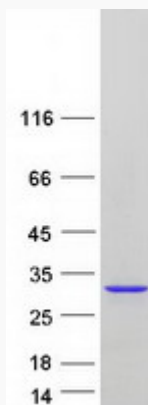
Product Overview	SAR1A MS Standard C13 and N15-labeled recombinant protein (NP_001136120) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Involved in transport from the endoplasmic reticulum to the Golgi apparatus. Required to maintain SEC16A localization 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 (ERES).
Molecular Mass	22.4 kDa
AA Sequence	MSFIFEWIYNGFSSVLQFLGLYKKSGKLVFLGLDNAGKTTLLHMLKDDRLGQHVPTL HPTSEELTIAGMTFTTDFDLGGHEQARRVWKNYLPAINGIVFLVDCADHSRLVESKVE LNALMTDETISNPILILGNKIDRTDAISEEKLREIFGLYGQTTGKGNVTLKELNARPME VFMCSVLKRQGYGEGFRWLSQYIDTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	SAR1A secretion associated Ras related GTPase 1A [Homo sapiens (human)]
Official Symbol	SAR1A
Synonyms	SAR1A; SAR1 homolog A (S. cerevisiae); SAR1a gene homolog (S. cerevisiae) 1, SAR1a gene homolog 1 (S. cerevisiae), SARA1; GTP-binding protein SAR1a; SAR1; Sara; SAR1 gene homolog A; SAR1a gene homolog 1; COPII-associated small GTPase; SARA1; masra2;
Gene ID	56681
mRNA Refseq	NM_001142648
Protein Refseq	NP_001136120
MIM	607691
UniProt ID	Q9NR31

SDS-PAGE

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