

## Recombinant Human SAR1A Protein (M1-D198), Tag Free

Cat. No. SAR1A-0606H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GG-SAR1A(M1-D198 end) Protein was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	M1-D198
<b>Description</b>	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).
<b>Form</b>	Liquid
<b>Endotoxin</b>	< 0.01 EU per µg of the protein
<b>Purity</b>	90%
<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
<b>Storage</b>	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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**Storage Buffer**      Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% glycerol

**Shipping**              It is shipped out with blue ice.

## GENE INFORMATION

**Gene Name**              SAR1A SAR1 homolog A (*S. cerevisiae*) [ *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

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