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

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

SPECIFICATION

Product Overview	Recombinant Human GG-SAR1A(M1-D198 end) Protein was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	M1-D198
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).
Form	Liquid
Endotoxin	< 0.01 EU per μg of the protein
Purity	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	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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