

Recombinant Human SAR1A, T7 -tagged

Cat. No. SAR1A-31383TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein: Human SAR1 fused to T7 tag at N-terminus.
Species	Human
Source	E.coli
Description	SAR1A or Sar1 is a protein involved in membrane trafficking. It is a GTPase found in COPII vesicles. It regulates the assembly and disassembly of COPII coats.
Conjugation	T7
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, 10mM DTT, pH 8
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Sequence Similarities	Belongs to the small GTPase superfamily. SAR1 family.
Full Length	Full L.

GENE INFORMATION

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Gene Name	SAR1A SAR1 homolog A (<i>S. cerevisiae</i>) [<i>Homo sapiens</i>]
Official Symbol	SAR1A
Synonyms	SAR1A; SAR1 homolog A (<i>S. cerevisiae</i>); SAR1a gene homolog (<i>S. cerevisiae</i>) 1 , SAR1a gene homolog 1 (<i>S. cerevisiae</i>) , SARA1; GTP-binding protein SAR1a; SAR1; Sara;
Gene ID	56681
mRNA Refseq	NM_001142648
Protein Refseq	NP_001136120
MIM	607691
Uniprot ID	Q9NR31
Chromosome Location	10q22.1
Pathway	COPII complex, organism-specific biosystem; Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem; Protein processing in endoplasmic reticulum, organism-specific biosystem; Protein processing in endoplasmic reticulum, conserved biosystem;
Function	GTP binding; GTPase activity; nucleotide binding;

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