

Product datasheet for **AR50734PU-N**

SAR1B (1-198, His-tag) Human Protein

Product data:

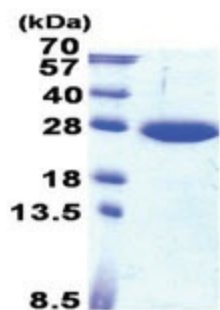
Product Type:	Recombinant Proteins
Description:	SAR1B (1-198, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMSFIFDW IYSGFSSVLQ FLGLYKKTGK LVFLGLDNAG KTLLHMLKD DRLGQHVPTL HPTSEELTIA GMTFTTDLG GHVQARRVWK NYLPAINGIV FLVDCADHER LLESKEELDS LMTDETIANV PILILGNKID RPEAISEERL REMFLYGLYQT TGKGSISLKE LNARPLEVFM CSVLKRQGYG EGFRWMAQYI D
Tag:	His-tag
Predicted MW:	24.8 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SAR1B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001028675
Locus ID:	51128
UniProt ID:	Q9Y6B6
Cytogenetics:	5q31.1
Synonyms:	ANDD; CMRD; GTBPB; SARA2



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Summary:

The protein encoded by this gene is a small GTPase that acts as a homodimer. The encoded protein is activated by the guanine nucleotide exchange factor PREB and is involved in protein transport from the endoplasmic reticulum to the Golgi. This protein is part of the COPII coat complex. Defects in this gene are a cause of chylomicron retention disease (CMRD), also known as Anderson disease (ANDD). Two transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Mar 2010]

Product images:

15% SDS-PAGE (3ug)