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Product datasheet for AR09701PU-N

SBDS (1-250, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	SBDS (1-250, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MSIFTPTNQI RLTNVAVVRM KRAGKRFEIA CYKNKVVGWR SGVEKDLDEV LQTHSVFVNV SKGQVAKKED LISAFGTDDQ TEICKQILTK GEVQVSDKER HTQLEQMFRD IATIVADKCV NPETKRPYTV ILIERAMKDI HYSVKTNKST KQQALEVIKQ LKEKMKIERA HMRLRFILPV NEGKKLKEKL KPLIKVIESE DYGQQLEIVC LIDPGCFREI DELIKKETKG KGSLEVLNLK DVEEGDEKFE
Tag:	His-tag
Predicted MW:	30.9 kDa
Concentration:	lot specific
Purity:	>95%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 2 mM DTT, 50 mM NaCl, 0.1 mM EDTA
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SBDS 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 up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_057122
Locus ID:	51119
UniProt ID:	Q9Y3A5, A0A0S2Z5I7
Cytogenetics:	7q11.21
Synonyms:	CGI-97; SDO1; SDS; SWDS

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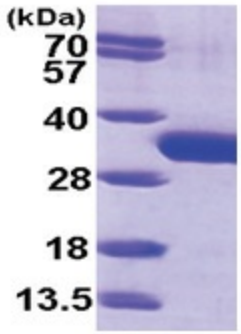
Summary: This gene encodes a highly conserved protein that plays an essential role in ribosome biogenesis. The encoded protein interacts with elongation factor-like GTPase 1 to disassociate eukaryotic initiation factor 6 from the late cytoplasmic pre-60S ribosomal subunit allowing assembly of the 80S subunit. Mutations within this gene are associated with the autosomal recessive disorder Shwachman-Bodian-Diamond syndrome. This gene has a closely linked pseudogene that is distally located. [provided by RefSeq, Jan 2017]

Product images:



15% SDS-PAGE (3ug)