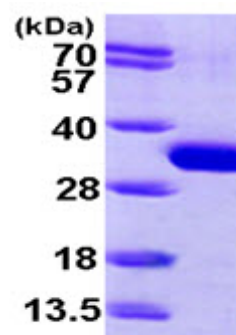


AR09701PU-L

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

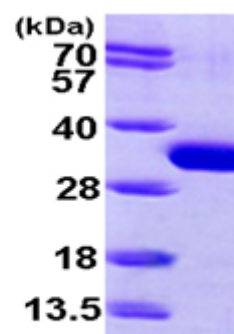
Alternate names:	Ribosome maturation protein SBDS, Shwachman-Bodian-Diamond syndrome protein
Quantity:	0.5 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	Ribosome maturation protein SBDS is a member of a highly conserved protein family that exists from archaea to vertebrates and plants. The protein may function in RNA metabolism. It may be involved in the biogenesis of the 60S ribosomal subunit and translational activation of ribosomes. Shwachman-Diamond syndrome is a rare autosomal recessive disorder caused by mutations in the SBDS gene.
Uniprot ID:	Q9Y3A5
NCBI:	NP_057122
GeneID:	51119
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% Buffer System: 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 50mM NaCl, 0.1mM EDTA
Description:	Recombinant human SBDS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MSIFTPTNQI RLTNVAVVRM KRAGKRFEIA CYKNKVVGWR SGVEKDLDEV LQTHSVFVNV SKGQVAKKED LISAFGTDDQ TEICKQILTK GEVQVSDKER HTQLEQMFRD IATIVADKCV NPETKRPTYTV ILIERAMKDI HYSVKTNKST KQQALEVIKQ LKEKMKIERA HMRLRFILPV NEGKKLKEKL KPLIKVIESE DYGGQLEIVC LIDPGCFREI DELIKKETKG KGSLEVLNLK DVEEGDEKFE Molecular weight: 30.9 kDa (270aa) confirmed by MALDI-TOF
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. Shelf life: one year from despatch.
General Readings:	Toöviainen-Salo S., et al (2010) Duodecim. 126(14):1711-9. Hesling C., et al (2007) Exp. Cell Res. 313:4180-4195.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human SBDS, 1-250aa, His-tagged



15% SDS-PAGE (3ug)