

Shwachman-Bodian-Diamond Syndrome Human Recombinant

Item Number	rAP-4353
Synonyms	SDS, SWDS, Shwachman-Bodian-Diamond syndrome, Ribosome Maturation protein SBDS.
Description	SBDS produced in E.Coli is a single, non-glycosylated polypeptide chain containing 270 amino acids (1-250a.a.) and having a molecular mass of 30.9kDa. SBDS is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9Y3A5
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MSIFTPTNQI RLTNVAVVRM KRAGKRFEIA CYKNKVVGWR SGVEKDLDEV LQTHSVFVN VSKGQVAKKED LISAFGTDDQ TEICKQILTK GEVQVSDKER HTQLEQM-FRD IATIVADKCV NPETKRPYTV ILIERAMKDI HYSVTKTNKST KQQALEVIKQ LKEKMKIERA HMRLRFILPV NEGKKLKEKL KPLIKVIESE DYGQQLEIVC LIDPGCFREI DELIKKETKG KGSLEVLNLK DVEEGDEKFE
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Formulation and Purity	The SBDS protein solution (0.5mg/1ml) is formulated in 20mM Tris-HCl buffer (pH8.0) 2mM DTT, 50mM NaCl, 0.1mM EDTA, and 20% glycerol. Greater than 95% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**