

## 32-4770: Recombinant Human Shwachman-Bodian-Diamond Syndrome

**Alternative Name :** SDS,SWDS,Shwachman-Bodian-Diamond syndrome,Ribosome Maturation protein SBDS.

### Description

Source : Escherichia Coli. 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. SBDS is part of an extremely preserved protein family which exists from archaea to vertebrates and plants. SBDS protein functions in RNA metabolism and has a role in the biogenesis of the 60S ribosomal subunit and translational activation of ribosomes. Shwachman-Diamond syndrome is a rare autosomal recessive disorder produced by mutations in the SBDS gene.

### Product Info

<b>Amount :</b>	20 µg
<b>Purification :</b>	Greater than 95% as determined by SDS-PAGE.
<b>Content :</b>	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.
<b>Storage condition :</b>	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.
<b>Amino Acid :</b>	MGSSHHHHHH SSSLVPRGSH MSIFTPTNQI RLTVAVVVRM KRAGKRFEIA CYKNKVVGWR SGVEKDLDEV LQTHSVFVNV SKGQVAKKED LISAFGTDDQ TEICKQILTK GEVQVSDKER HTQLEQMFRD IATIVADKCV NPETKRPTYV ILIERAMKDI HYSVKTNKST KQQALEVIKQ LKEKMKIERA HMRLRFILPV NEGKLLKEKL KPLIKVIESE DYGQQLAIVC LIDPGCFREI DELIKKETKG KGSLEVLNLK DVEEGDEKFE

