9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SBDS Human

Shwachman-Bodian-Diamond Syndrome Human Recombinant
RCP1991

Product Overview

Name	SBDS Human
Description	
Shwachman-Bodian-Diamond Syndrome Human Recombinant	
Accession (Primary)	Q9Y3A5
Synonyms	
SDS, SWDS, Shwachman-Bodian-Diamond syndrome, Ribosome Maturation protein SBDS.	
Introduction	
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.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
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.	
Stability	
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.	
Purity	
Greater than 95% as determined by SDS-PAGE.	
Amino acid 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	

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Precautions

SBDS Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9Y3A5)