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SBDS, 1-250aa, Human, His tag, E.coli

产品货号: TP03854

第三版

别名:Ribosome maturation protein SBDS, CGI-97, SDS, SWDS

描述: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. Recombinant human SBDS protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 2mM DTT, 50mM NaCl, 0.1mM EDTA

分子量:30.9kDa (270aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSIFTPTNQIRLTNVAVVRMKRAGKRFEIACYKNKVVGWRSVGEKDLDEVLQTHSVFV
NVSKGQVAKKEDLISAFGTDDQTEICKQILTKGEVQVSDKERHTQLEQMFRDIATIVADKCVNPETKRPYTVILIERAMK
DIHYSVKTNKSTKQQALEVIKQLKEKMKIERAHMRLRFILPVNEGKKLKEKLPKLIKVIESEDYGGQLEIVCLIDPGCFREID
ELIKKETKKGKSLEVLNLKDVEEGDEKFE

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在-20 ° C或者-70 ° C. 避免反复冻融.