abcam

Product datasheet

Recombinant Human SBDS protein ab99957

画像数 1

製品の詳細

製品名	Recombinant Human SBDS protein
精製度	> 95 % SDS-PAGE. ab99957 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	Q9Y3A5
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MGSSHHHHHHSSGLVPRGSHMSIFTPTNQIRLTNVAVVRMKRAGKRFEIACYKNKVVGWRSGVEKDLDEVLQTHSVFVNVSKGQVAKKEDLISAFGTDDQTEICKQILTKGEVQVSDKERHTQLEQMFRDIATIVADKCVNPETKRPYTVILIERAMKDIHYSVKTNKSTKQQALEVIKQLKEKMKIERAHMRLRFILPVNEGKKLKEKLKPLIKVIESEDYGQQLEIVCLIDPGCFREIDELIKKETKG KGSLEVLNLKDVEEGDEKFE
予測される分子量	31 kDa including tags
領域	1 to 250
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab99957** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	SDS-PAGE Mass Spectrometry
質量分析	MALDI-TOF
製品の状態	Liquid

備考	Previously labelled as Shwachman Bodian-Diamond syndrome.

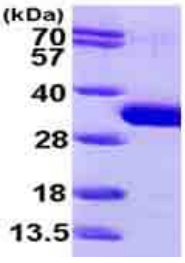
前処理および保存

保存方法および安定性	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. pH: 8.00 Constituents: 0.0308% DTT, 0.316% Tris HCl, 0.00292% EDTA, 20% Glycerol (glycerin, glycerine), 0.29% Sodium chloride

関連情報

機能	Required for the assembly of mature ribosomes and ribosome biogenesis. Together with EFTUD1, triggers the GTP-dependent release of EIF6 from 60S pre-ribosomes in the cytoplasm, thereby activating ribosomes for translation competence by allowing 80S ribosome assembly and facilitating EIF6 recycling to the nucleus, where it is required for 60S rRNA processing and nuclear export. Required for normal levels of protein synthesis. May play a role in cellular stress resistance. May play a role in cellular response to DNA damage. May play a role in cell proliferation.
組織特異性	Widely expressed.
関連疾患	Defects in SBDS are the cause of Shwachman-Diamond syndrome (SDS) [MIM:260400]. SDS is an autosomal recessive disorder characterized by pancreatic exocrine insufficiency, hematologic dysfunction, and skeletal abnormalities.
配列類似性	Belongs to the SDO1/SBDS family.
細胞内局在	Cytoplasm. Nucleus > nucleolus. Nucleus > nucleoplasm. Cytoplasm > cytoskeleton > spindle. Primarily detected in the cytoplasm, and at low levels in nucleus and nucleolus (PubMed:19602484 and PubMed:17475909). Detected in the nucleolus during G1 and G2 phase of the cell cycle, and diffusely distributed in the nucleus during S phase. Detected at the mitotic spindle. Colocalizes with the microtubule organizing center during interphase.

画像



SDS-PAGE - Recombinant Human SBDS protein (ab99957)

15% SDS-PAGE showing ab99957 (3µg).

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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