

Product datasheet

Recombinant Human UAP56 protein ab99297

画像数 1

製品の詳細

製品名	Recombinant Human UAP56 protein
精製度	> 90 % SDS-PAGE. ab99297 is purified using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>Q13838</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	<p>MGSSHHHHHSSGLVPRGSHMAENDVDNELLDYEDDEVET AAGGDGAEAP AKKDKVGSYVSIHSSGFRDFLLKPELLRAIVDCGFHPSEVQ HECIPQAI LGMDVLCQAKSGMGKTAVFVLATLQQLPVTGQVSVLVMCHT RELAFQIS KEYERFSKYMPNVKVAVFFGGLSIKKDEEVLKKNCPHIVGT PGRILALA RNKSLNLKHIKHFILDECDKMLEQLDMRRDVQEIFRMTPEK QVMMFSAT LSKEIRPVCRCFMQDPMEIFVDDTKLTLHGLQQYYVKLKD EKNRCLFD LLDVLEFNQVVI FVKS VQR CIALAQLLVEQNFP AIAIHRGMP QEERLSRY QQFKDFQRRILVATNLFGRGMDIERNIAFN YDMPEDSDTYL HRVARAGR FGTKGLAITFVSDENAKILNDVQDRFEVNISEL PDEIDISS YIEQTR</p>
予測される分子量	51 kDa including tags
領域	1 to 428
タグ	His tag N-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab99297** 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

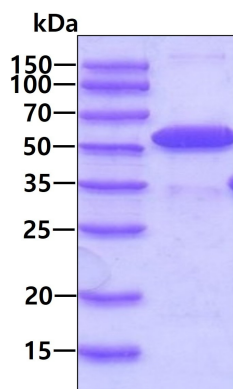
前処理および保存

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: 0.0154% DTT, 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride
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関連情報

機能	<p>Component of the THO subcomplex of the TREX complex. The TREX complex specifically associates with spliced mRNA and not with unspliced pre-mRNA. It is recruited to spliced mRNAs by a transcription-independent mechanism. Binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export. The recruitment occurs via an interaction between THOC4 and the cap-binding protein NCBP1. DDX39B functions as a bridge between THOC4 and the THO complex. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. The recruitment of the TREX complex to the intronless viral mRNA occurs via an interaction between KSHV ORF57 protein and THOC4.</p> <p>Splice factor that is required for the first ATP-dependent step in spliceosome assembly and for the interaction of U2 snRNP with the branchpoint. Has both RNA-stimulated ATP binding/hydrolysis activity and ATP-dependent RNA unwinding activity. Even with the stimulation of RNA, the ATPase activity is weak. Can only hydrolyze ATP but not other NTPs. The RNA stimulation of ATPase activity does not have a strong preference for the sequence and length of the RNA. However, ssRNA stimulates the ATPase activity much more strongly than dsRNA. Can unwind 5' or 3' overhangs or blunt end RNA duplexes in vitro. The ATPase and helicase activities are not influenced by U2AF2 and THOC4.</p>
配列類似性	<p>Belongs to the DEAD box helicase family. DECD subfamily.</p> <p>Contains 1 helicase ATP-binding domain.</p> <p>Contains 1 helicase C-terminal domain.</p>
ドメイン	The helicase C-terminal domain mediates interaction with THOC4.
細胞内局在	Nucleus. Nucleus speckle.

画像



SDS-PAGE - Recombinant Human UAP56 protein
(ab99297)

3µg by SDS-PAGE under reducing conditions and visualized by coomassie blue stain.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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