

Recombinant Human PYM protein ab98083

画像数 1

製品の詳細

製品名	Recombinant Human PYM protein
精製度	>= 85 % SDS-PAGE. ab98083 was purified by using conventional chromatography techniques.
発現系	Escherichia coli
アクセッション番号	<u>Q9BRP8</u>
タンパク質長	Full length protein
Animal free	No
由来	Recombinant
生物種	Human
配列	MEAAGSPAAT ETGKYIASTQ RPDGTWRKQR RVKEGYVPQE EVPVYENKYV KFFKSKPELP PGLSPEATAP VTPSRPEGGE PGLSKTAKRNLKRKEKRRQQ QEKGEAEALS RTLDKVSLEE TAQLPSAPQG SRAAPTAASD QPDSAATTEK AKKIKNLKKK LRQVEELQQR IQAGEVSQPS KEQLEKLARR RALEEELEDL ELGLLEHHHH HH
予測される分子量	24 kDa including tags
領域	1 to 204
タグ	His tag C-Terminus

特性

Our **Abpromise guarantee** covers the use of **ab98083** 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
質量分析	MALDI-TOF
製品の状態	Liquid
備考	Previously labelled as WIBG.

前処理および保存

保存方法および安定性

Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 8.00

Constituents: 0.316% Tris HCl, 20% Glycerol (glycerin, glycerine), 0.58% Sodium chloride, 0.00174% PMSF

関連情報

機能

Key regulator of the exon junction complex (EJC), a multiprotein complex that associates immediately upstream of the exon-exon junction on mRNAs and serves as a positional landmark for the intron exon structure of genes and directs post-transcriptional processes in the cytoplasm such as mRNA export, nonsense-mediated mRNA decay (NMD) or translation. Acts as a EJC disassembly factor, allowing translation-dependent EJC removal and recycling by disrupting mature EJC from spliced mRNAs. Its association with the 40S ribosomal subunit probably prevents a translation-independent disassembly of the EJC from spliced mRNAs, by restricting its activity to mRNAs that have been translated. Interferes with NMD and enhances translation of spliced mRNAs, probably by antagonizing EJC functions. May bind RNA; the relevance of RNA-binding remains unclear in vivo, RNA-binding was detected by PubMed:14968132, while PubMed:19410547 did not detect RNA-binding activity independently of the EJC.

配列類似性

Belongs to the pym family.

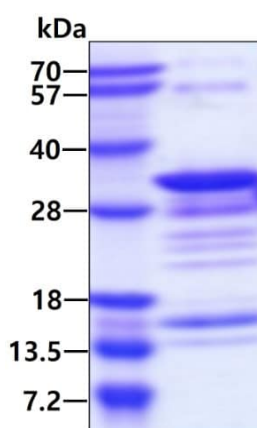
ドメイン

The eIF2A-like region shares sequence similarity with eIF2A and mediates the interaction with the 40S ribosomal subunit and the 48S preinitiation complex.

細胞内局在

Cytoplasm. Nucleus, nucleolus. Nucleus, nucleoplasm. Shuttles between the nucleus and the cytoplasm (PubMed:14968132). Nuclear export is mediated by XPO1/CRM1 (PubMed:14968132).

画像



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

SDS-PAGE - Recombinant Human PYM protein
(ab98083)

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