Datasheet for ABIN7555178

RBM5 Protein (AA 1-815) (His tag)

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Overview

Quantity:	1 mg
Target:	RBM5
Protein Characteristics:	AA 1-815
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM5 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RBM5 Protein expressed in mammalian cells.
Sequence:	MGSDKRVSRT ERSGRYGSII DRDDRDERES RSRRRDSDYK RSSDDRRGDR YDDYRDYDSP ERERERRNSD RSEDGYHSDG DYGEHDYRHD ISDERESKTI MLRGLPITIT ESDIREMMES FEGPQPADVR LMKRKTGVSR GFAFVEFYHL QDATSWMEAN QKKLVIQGKH IAMHYSNPRP KFEDWLCNKC CLNNFRKRLK CFRCGADKFD SEQEVPPGTT ESVQSVDYYC DTIILRNIAP HTVVDSIMTA LSPYASLAVN NIRLIKDKQT QQNRGFAFVQ LSSAMDASQL LQILQSLHPP LKIDGKTIGV DFAKSARKDL VLSDGNRVSA FSVASTAIAA AQWSSTQSQS GEGGSVDYSY LQPGQDGYAQ YAQYSQDYQQ FYQQQAGGLE SDASSASGTA VTTTSAAVVS QSPQLYNQTS NPPGSPTEEA QPSTSTSTQA PAASPTGVVP GTKYAVPDTS TYQYDESSGY YYDPTTGLYY DPNSQYYYNS LTQQYLYWDG EKETYVPAAE SSSHQQSGLP PAKEGKEKKE KPKSKTAQQI AKDMERWAKS LNKQKENFKN SFQPVNSLRE EERRESAAAD AGFALFEKKG ALAERQQLIP ELVRNGDEEN PLKRGLVAAY SGDSDNEEEL VERLESEEEK LADWKKMACL LCRRQFPNKD ALVRHQQLSD LHKQNMDIYR RSRLSEQELE ALELREREMK YRDRAAERRE KYGIPEPPEP

Product Details

	KRKKQFDAGT VNYEQPTKDG IDHSNIGNKM LQAMGWREGS GLGRKCQGIT APIEAQVRLK GAGLGAKGSA YGLSGADSYK DAVRKAMFAR FTEME **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalian cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins. • State-of-the-art algorithm used for plasmid design (Gene synthesis). This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein. If you are not interested in a full length protein, please contact us for individual protein fragments. The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.
Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	RBM5
Alternative Name:	RBM5 (RBM5 Products)
Background:	RNA-binding protein 5 (Protein G15) (Putative tumor suppressor LUCA15) (RNA-binding motif protein 5) (Renal carcinoma antigen NY-REN-9),FUNCTION: Component of the spliceosome A complex. Regulates alternative splicing of a number of mRNAs. May modulate splice site pairing after recruitment of the U1 and U2 snRNPs to the 5' and 3' splice sites of the intron. May both positively and negatively regulate apoptosis by regulating the alternative splicing of several genes involved in this process, including FAS and CASP2/caspase-2. In the case of FAS,

Target Details

	promotes exclusion of exon 6 thereby producing a soluble form of FAS that inhibits apoptosis. In the case of CASP2/caspase-2, promotes exclusion of exon 9 thereby producing a catalytically active form of CASP2/Caspase-2 that induces apoptosis. {ECO:0000269|PubMed:10949932, ECO:0000269|PubMed:12207175, ECO:0000269|PubMed:12581154, ECO:0000269|PubMed:15192330, ECO:0000269|PubMed:16585163, ECO:0000269|PubMed:18840686, ECO:0000269|PubMed:18851835}.
Molecular Weight:	92.2 kDa
UniProt:	P52756
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months

