

Datasheet for ABIN7555141
RBM25 Protein (AA 1-843) (His tag)



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Overview

Quantity:	1 mg
Target:	RBM25
Protein Characteristics:	AA 1-843
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM25 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RBM25 Protein expressed in mammalian cells.
Sequence:	MSFPPHLNRP PMGIPALPPG IPPPQFPGFP PPVPPGTPMI PVPMSIMAPA PTVLVPTVSM VGKHLGARKD HPGLKAKEND ENCGPTTTVF VGNISEKASD MLIRQLLAKC GLVLSWKRQV GASGKLQAFG FCEYKEPEST LRALRLLHDL QIGEKLLVK VDAKTKAQLD EWKAKKKASN GNARPETVTN DDEEALDEET KRRDQMIKGA IEVLIREYSS ELNAPSQESD SHPRKKKKEK KEDIFRRFPV APLIPYPLIT KEDINAIEME EDKRD LISRE ISKFRDTHKK LEEKGGKKEK ERQEIEKERR ERERERERER ERRERERERE REREREKEKE RERERERDRD RDRTKERDRD RDRERDRDRD RERSSDRNKD RSR SREKSRD RERERERERE RERERERERE RERERERERE REREREKDKK RDREDEEDA YERRKLERKL REKEAAYQER LKNWEIRERK KTREYEKEAE REEERRREMA KEAKRLKEFL EDYDDDRDDP KYRGSALQK RLRDREKEME ADERDRKREK EELEEIRQRL LAEGHPDPDA ELQRMEQAE RRRQPQIQE PESEEEEEEEK QEKEEKREEP MEEEEPEQK PCLKPTLRPI SSAPSVSSAS GNATPNTPGD ESPCGIIIPH ENSPDQQPE EHRPKIGLSL KLGASNSPGQ PNSVKRKKLP VDSVFNK FED ESDDVPRKR KLVPLDYGED DKNATKGTVN

Product Details

TEEKRKHIS LIEKIPTAKP ELFAYPLDWS IVDSILMERR IRPWINKKII EYIGEEATL VDFVCSKVMA
HSSPQSILDD VAMVLDEEAE VFIVKMWRLL IYETEAKKIG LVK **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: RBM25

Alternative Name: RBM25 ([RBM25 Products](#))

Background: RNA-binding protein 25 (Arg/Glu/Asp-rich protein of 120 kDa) (RED120) (Protein S164) (RNA-binding motif protein 25) (RNA-binding region-containing protein 7),FUNCTION: RNA-binding protein that acts as a regulator of alternative pre-mRNA splicing. Involved in apoptotic cell death through the regulation of the apoptotic factor BCL2L1 isoform expression. Modulates the ratio of proapoptotic BCL2L1 isoform S to antiapoptotic BCL2L1 isoform L mRNA expression. When overexpressed, stimulates proapoptotic BCL2L1 isoform S 5'-splice site (5'-ss) selection,

Target Details

whereas its depletion caused the accumulation of antiapoptotic BCL2L1 isoform L. Promotes BCL2L1 isoform S 5'-ss usage through the 5'-CGGGCA-3' RNA sequence. Its association with LUC7L3 promotes U1 snRNP binding to a weak 5' ss in a 5'-CGGGCA-3'-dependent manner. Binds to the exonic splicing enhancer 5'-CGGGCA-3' RNA sequence located within exon 2 of the BCL2L1 pre-mRNA. Also involved in the generation of an abnormal and truncated splice form of SCN5A in heart failure. {ECO:0000269|PubMed:18663000, ECO:0000269|PubMed:21859973}.

Molecular Weight: 100.2 kDa

UniProt: [P49756](#)

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