

Datasheet for ABIN7557765

RBM38 Protein (AA 1-237) (His tag)



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Overview

Quantity:	1 mg
Target:	RBM38
Protein Characteristics:	AA 1-237
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM38 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Rbm38 Protein expressed in mammalian cells.
Sequence:	<p>MLLQPACSPS VFPRPSAAPS AMHGSQKDTT FTKIFVGGLP YHTTDASLRK YFEGFGDIEE</p> <p>AVVITDRQTG KSRGYGFVTM ADRAAADRAC KDPNPIIDGR KANVNLAYLG AKPRSLQTGF</p> <p>AVGVQQLHPT LIQRTYGLTP HYIYPPAIVQ PSVVIPATPV PSLSSPYLEY TPASPAYAQY</p> <p>PPATYDQYPY AASPAAATSF VGYGYPAAVP QALSAAAPAG TTFVQYQAPQ LQPDRMQ 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.</p>
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:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	RBM38
Alternative Name:	Rbm38 (RBM38 Products)
Background:	RNA-binding protein 38 (RNA-binding motif protein 38) (RNA-binding region-containing protein 1) (ssDNA-binding protein SEB4),FUNCTION: RNA-binding protein that specifically bind the 3'-UTR of CDKN1A transcripts, leading to maintain the stability of CDKN1A transcripts, thereby acting as a mediator of the p53/TP53 family to regulate CDKN1A. CDKN1A is a cyclin-dependent kinase inhibitor transcriptionally regulated by the p53/TP53 family to induce cell cycle arrest. Has the ability to induce cell cycle arrest in G1 and maintain the stability of CDKN1A transcripts induced by p53/TP53. Also acts as a mRNA splicing factor. Specifically regulates the expression of FGFR2-IIIb, an epithelial cell-specific isoform of FGFR2 (By similarity). Plays a role in myogenic differentiation. {ECO:0000250, ECO:0000269 PubMed:19817877}.
Molecular Weight:	25.4 kDa
UniProt:	Q62176
Pathways:	Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development

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