

Datasheet for ABIN7558654  
**RBM45 Protein (AA 1-476) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RBM45
Protein Characteristics:	AA 1-476
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RBM45 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rbm45 Protein expressed in mammalian cells.
Sequence:	<p>MDDAGGLGGS GGFRPGVDSL DEPPNSRIFL VISKHTSELV LRERFSPFGD IQDIWVVRDK  HTKESKGVAF VKFARSSQAC RAMEEMHGQC LGPSDTKPIK VFIAQSRSSG SHRDVEDEEL  TRIFVMIPKS YTEEDLREKF KVYGDIEYCS IIKNKVTGES KGLGYVRYLK PSQAAQAIEN  CDRSFRALLA EPKNKVSGSP EQDDYSSGRQ EALGQEPRAN LPPFVGEQQS EFSTFDKND  RGQEAVSKRL SVVSRVPFTE EQLFSIFDIV PGLEYCEVPR DPYSNYGHGV VQYFNVASAI  YAKYKLHGFQ YPPGNRIVVS FLDDGSNMTE LIRKMATQMV AAQLASMVWS TTSQQQFLQY  GGNAASQAPQ IQTDVVLPSK KKKAPPETPV KERLFVVFNP HPLPLDVLED IFCRFGNLIE  VYLVSGKNVG YVKYADRSKA NEAITTLHGK ILNGVRLKVM LADSPREESK KRQRTY <b>Sequence</b>  <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b>  <b>system, a different complexity of the protein could make another tag necessary. In case you</b>  <b>have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

## Product Details

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:

RBM45

### Alternative Name:

Rbm45 ([RBM45 Products](#))

### Background:

RNA-binding protein 45 (Developmentally-regulated RNA-binding protein 1) (RB-1) (RNA-binding motif protein 45),FUNCTION: RNA-binding protein with binding specificity for poly(C). May play an important role in neural development (By similarity). {ECO:0000250|UniProtKB:Q8CFD1, ECO:0000250|UniProtKB:Q8IUH3}.

### Molecular Weight:

53.3 kDa

### UniProt:

[Q8BHN5](#)

## 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