

# Recombinant human RBM3 protein

Catalog Number: ATGP2097

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-157aa

### UniProt No.

P98179

### NCBI Accession No.

NP\_006734

### Alternative Names

Putative RNA-binding protein 3, IS1-RNPL; RNPL

## PRODUCT SPECIFICATION

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### Molecular Weight

19 kDa (180aa) confirmed by MALDI-TOF

### Concentration

0.25mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 5mM DTT

### Purity

> 95% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

RBM3 is a member of the glycine-rich RNA-binding protein family and a protein with one RNA recognition motif (RRM) domain. Expression of this gene is induced by cold shock and low oxygen tension. A pseudogene exists on chromosome 1. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Recombinant human RBM3 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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## Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MSSEEGK LFGGGLNFNT DEQALEDHFS SFGPISEVVV VKDRETQRSR  
GFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH GRGRSYSRGG GDQGYGSGRY  
YDSRPGGYGY GYGRSRDYNG RNQGGYDRYS GGNYRDNYDN

## General References

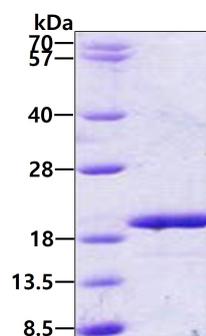
Dellis S, Strickland KC, et al. (2004). *Virology*. 329(2):328-36.

Martinez-Arribas F, Agudo D, et al. (2006). *J Cell Biochem*. 97(6):1275-82.

## DATA

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### SDS-PAGE



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