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# Recombinant human RBM3 protein

Catalog Number: ATGP2097

# **PRODUCT INFORMATION**

# **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

#### **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**

#### **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**

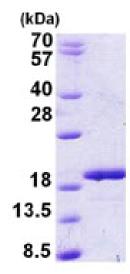
MGSSHHHHHH SSGLVPRGSH MGSMSSEEGK LFVGGLNFNT DEQALEDHFS SFGPISEVVV VKDRETQRSR GFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH GRGRSYSRGG GDQGYGSGRY YDSRPGGYGY GYGRSRDYNG RNQGGYDRYS GGNYRDNYDN

# **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**

#### **SDS-PAGE**



15% SDS-PAGE (3ug)

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

