

**RBM3, 1-157aa, Human, His tag, E.coli**

**Cat.NO.: TP03693**

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3th Edition

**Synonyms:**Putative RNA-binding protein 3, IS1-RNPL; RNPL

**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.

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

**Molecular Weight:**19 kDa (180aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHSSGLVPRGSHMGSMSSSEEGKLFVGGGLNFNTDEQALEDHFSSFGPISEVVVVKDRETQRSRGFGF  
ITFTNPEHASVAMRAMNGESLDGRQIRVDHAGKSARGTRGGGFGAHGRGRSYSRGGGDQGYGSGRYYDSRPG  
GYGYGYGRSRDYNGRNQGGYDRYSGGNYRDNYDN

**Purity:**> 95% by HPLC

**Concentration:**0.25 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.