

Recombinant Human RNA binding motif (RNP1, RRM) protein 3, His-tagged

Cat. No. RBM3-582H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RBM3, 1-157aa, Human, His tag, E.coli
Species	Human
Source	E.coli
ProteinLength	1-157 a.a.
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 Mass	19 kDa (180aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSSSEEGK LFVGGLNFNT DEQALEDHFS SFGPISEVVV VKDRETQRSR GFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH GRGRSYSRGG GDQGYGSGRY YDSRPGGYGY GYGRSRDYNG RNQGGYDRYS GGNYRDNYDN

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	RBM3 RNA binding motif (RNP1, RRM) protein 3 [Homo sapiens]
Official Symbol	RBM3
Synonyms	RBM3; RNA binding motif (RNP1, RRM) protein 3; RNA binding motif protein 3; putative RNA-binding protein 3; IS1 RNPL; RNA-binding motif protein 3; RNPL; IS1-RNPL;
Gene ID	5935
mRNA Refseq	NM_006743
Protein Refseq	NP_006734
MIM	300027
UniProt ID	P98179
Chromosome Location	Xp11.2
Function	RNA binding; nucleotide binding; ribosomal large subunit binding;

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