

AR50921PU-S**Human RBM3 (1-157, His-tag) - Purified****Alternate names:**

RBM-3, RNA-binding motif protein 3, RNA-binding protein 3, RNPL

Quantity:

0.1 mg

Concentration:

0.25 mg/ml (determined by Bradford assay)

Background:

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.

Uniprot ID:[P98179](#)**NCBI:**[NP_006734](#)**GeneID:**[5935](#)**Species:**

Human

Source:

E. coli

Format:**State:** Liquid purified protein**Purity:** >95% by SDS - PAGE**Buffer System:** 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 50% glycerol, 5mM DTT.**Description:**

Recombinant human RBM3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHHH SSGLVPRGSH MGSMSSEEGK LFGVGLNFNT DEQALDHFS SFGPISEVVV
VKDRETQRSR GFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH
GRGRYSRGG GDQYGSGRY YDSRPGGYGY GYGRSRDYNQ RNQGGYDRYS GGNRYRDNYN

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

Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings:

Dellis S, Strickland KC, et al. (2004). *Virology*. 329(2):328-36. Martínez-Arribas F, Agudo D, et al. (2006). *J Cell Biochem*. 97(6):1275-82.

Pictures:

