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.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.

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Amino acid Sequence

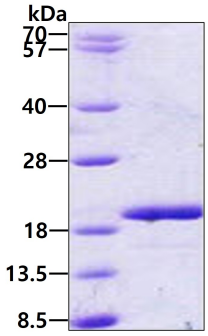
<MGSSHHHHHH SSGLVPRGSH MGS>MSSEEGK LFVGGLNFNT DEQALEDHFS SFGPISEVVV VKDRETQRSR GFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH GRGRSYSRGG GDQGYGSGRY YDSRPGGYGY GYGRSRDYNG RNQGGYDRYS GGNYRDNYDN

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



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