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## Product Data Sheet

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Product Name: RBM3 Human  
 Cat. No.: GP24350  
 Batch No.: 1

### Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	IS1-RNPL; RNPL; RNA-binding motif protein 3; Putative RNA-Binding Protein 3; RNA Binding Motif (RNP1; RRM) Protein 3.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSSSEEGK LFGGLNFNT DEQALEDHFS SFGPISEVVV VKDRETQRSRGGFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH GRGRSYSRGG GDQGYGSGRYYDSRPGGYGY GYGRSRDYNG RNQGGYDRYS GGNYRDNYDN		
Formulation	RBM3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 5mM DTT.		

### Introduction

RBM3 belongs to the glycine-rich RNA-binding protein family and encodes a protein with one RNA recognition motif (RRM) domain. By cold shock and low oxygen tension the expression of this gene is induced. On chromosome 1 a pseudogene exists. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. Diseases associated with RBM3 include vaccinia, and cryptorchidism. GO annotations linked to this gene include RNA binding and ribosomal large subunit binding. An important paralog of this gene is RBMY1J.

### Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

### Background

RBM3 Human Recombinant produced in E. Coli is a single, non-glycosylated polypeptide chain containing 180 amino acids (1-157 a.a) and having a molecular mass of 19kDa.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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