

32-4616: Recombinant Human RNA Binding Motif Protein 3

Alternative Name : IS1-RNPL, RNPL, RNA-binding motif protein 3, Putative RNA-Binding Protein 3, RNA Binding Motif (RNP1, RRM) Protein 3.

Description

Source : Escherichia Coli. 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. RBM3 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	RBM3 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 50% glycerol and 5mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMSSSEEGK LFGVGLNFNT DEQALEDHFS SFGPISEVVV VKDRETQRSR GFGFITFTNP EHASVAMRAM NGESLDGRQI RVDHAGKSAR GTRGGGFGAH GRGRSYSRGG GDQGYGSGRY YDSRPGGYGY GYGRSRDYNG RNQGGYDRYS GGNYRDNYDN

