9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

RBM17 Human

RNA Binding Motif Protein 17 Human Recombinant
RCP1827

Product Overview

Name	RBM17 Human
Description	
RNA Binding Motif Protein 17 Human Recombinant	
Accession (Primary)	Q96I25
Synonyms	
RNA Binding Motif Protein 17, SPF45, Splicing Factor 45kDa, RNA-Binding Motif Protein 17, Splicing Factor 45, 45 kDa-splicing factor, RBM17.	
Introduction	
RNA binding motif protein 17 (RBM17) is a splice factor which binds to the single stranded 3'AG at the exon/intron border and promotes its utilization in the 2 nd catalytic step. The RBM17 protein is involved in the regulation of alternative splicing and the utilization of cryptic splice sites. RBM17 protein also stimulates the utilization of a cryptic splice site created by the beta-110 mutation in the HBB gene. The ensuing frameshift leads to sickle cell anemia.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered clear solution.	
Formulation	
RBM17 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
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.	
Purity	
Greater than 90.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MSLYDDLGVE TSDSKTEGWS KNFKLLQSQL QVKKAALTQA KSQRTKQSTV LAPVIDLKRG GSSDDRQIVD TPPHVAAGLK DPVPSGFSAG EVLIPLADEY DPMFPNDYEK VVKRQREERQ	

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RQRELERQKE IEEREKRRKD RHEASGFARR PDPDSDEDED YERERRKRSM GGAAIAPPTS LVEKDKELPR DFPYEEDSRP RSQSSKAAIP PPVYEEQDRP RSPTGPSNSF LANMGGTVAH KIMQKYGFRE GQGLGKHEQG LSTALSVEKT SKRGGKIIVG DATEKDASKK SDSNPLTEIL KCPTKVVLLR NMVGAGEVDE DLEVETKEEC EKYGKVGKCV IFEIPGAPDD EAVRIFLEFE RVESAIKAVV DLNGRYFGGR VVKACFYNLD KFRVLDLAEQ V.

Precautions

RBM17 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q96I25)