

32-4619: Recombinant Human RNA Binding Motif Protein 17

Alternative Name : RNA Binding Motif Protein 17,SPF45,Splicing Factor 45kDa,RNA-Binding Motif Protein 17,Splicing Factor 45,45 kDa-splicing factor,RBM17.

Description

Source : Escherichia Coli. RBM17 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 421 amino acids (1-401 a.a) and having a molecular mass of 47.1kDa.RBM17 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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 2nd 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.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : RBM17 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM 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 SSSLVPRGSH MSLYDDLVE TSDSKTEGWS KNFKLLQSQL QVKKAAALTQA
KSQRTKQSTV LAPVIDLKRK GSSDDRQIVD TPPHVAAGLK DPVPSGFSAG EVLIPLADEY DPMFPNDYEK
VVKRQREERQ RQRELERQKE IEEREKRRKD RHEASGFARR PDPDSDEDED YERERRKRSM GGAAIAPPTS
LVEKDDELPR DFPYEEDSRP RSQSSKAAIP PPVYEEQDRP RSPTGPSNSF LANMGGTVAH KIMQKYGFRE
GQGLGKHEQG LSTALSVEKT SKRGGKIIVG DATEKDASKK SDSNPLTEIL KCPTKVLLR NMVGAGEVDE
DLEVETKEEC EKYGKVGKCV IFEIPGAPDD EAVRIFLEFE RVESAIAKAVV DLNGRYFGGR VVKACFYNLD
KFRVLDLAEQ V.