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RBM17, 1-401aa, Human, His tag, E.coli

产品货号: TP03691

第三版

别名:RNA binding motif protein 17, SPF45

描述:RNA binding motif protein 17, also known as RBM17, is splice factor that binds to the single stranded 3'AG at the exon/intron border and promotes its utilization in the second catalytic step. This protein is involved in the regulation of alternative splicing and the utilization of cryptic splice sites. This protein promotes the utilization of a cryptic splice site created by the beta-110 mutation in the HBB gene. The resulting frameshift leads to sickle cell anemia. Recombinant human RBM17 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

配方:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT

分子量:47.1kDa (421aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMSLYDDLGVETSDSKTEGWSKNFKLLQSQLQVKKAAALTQAKSQRTKQSTVLAPVIDLKR
GGSSDDRQIVDTPPHVAAGLKDPVPSGFSAGEVLIPLADEYDPMFPNDYEKVVKRQREERQRQRELERQKEIEEREKRRKD
RHEASGFARRPDPDSDEDEDYERERRKRSMGGAAIAPPTSLVEKDKELPRDFPYEEDSRPRSQSSKAAIPPPVYEEQDRPRSP
TGPSNSFLANMGGTVAHKIMQKYGFREGQGLGKHEQGLSTALSVEKTSKRGGKIIVGDATEKDASKKSDSNPLTEILKCPT
KVLLRNLMVGAGEVDEDLEVETKEECEKYGKVGKCVIFEIPGAPDDEAVRIFLEFERVESAIKAVVDLNGRYFGGRVKA
CFYNLDKFRVLDLAEQV

纯度:> 95% by HPLC

浓度:0.5 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.