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EXOSC8, 1-276aa, Human, His tag, E.coli

产品货号: TP02063

第三版

别名: Exosome complex component RRP43, bA421P11.3, CIP3, EAP2, OIP2, p9, RP11- 421P11.3, RRP43, Rrp43p

描述: EXOSC8, also known as exosome component 8 and transcription factor 4, is a part of the exosome complex. In the cytoplasm, the RNA exosome complex is involved in general mRNA turnover and specifically degrades inherently unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA surveillance pathways, preventing translation of aberrant mRNAs. It seems to be involved in degradation of histone mRNA. EXOSC8 binds to ARE-containing RNAs. Recombinant human EXOSC8 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 50% glycerol 0.2M NaCl, 1mM DTT

分子量: 32.4 kDa(299aa) confirmed by MALDI-TOF

序列:

MGSSHHHHHSSGLVPRGSHMGSMAGFKTVEPLEYYRRFLKENCPRPDGRELGEFRTTTVNIGSISTADGSALVKLGNTT  
VICGVKAEFAAPSTDAPDKGYVVPNVLDLPLCSSRFRSGPPGEEAQVASQFIADVIENSQIIQKEDLCISPGKLVWVLYCDLI  
CLDYDGNILDACTFALLAALKNVQLPEVTINEETALAEVNLKKSYLENIRTHPVATSFVFDLLIVDPTGEEHLATGTL  
TIVMDEEGKLCCLHKPGSGLTGAKLQDCMSRAVTRHKEVKKLMDEVIKSMKPK

纯度: > 95% by HPLC

浓度: 0.25 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.