

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

Cat.NO.: TP02063

3th Edition

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

Description: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.

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

Molecular Weight:32.4 kDa(299aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMAGFKTVEPLEYYRRFLKENCPRPDGRELGEFRTTTTVNIGSISTADGSALVK
LGNTTVICGVKAFAAPSTDAPDKGYVVPNVLDLPLCSSRFRSGPPGEEAQVASQFIADVIENSQIIQKEDLCISPGK
LVWVLYCDLICLDYDGNILDACTFALLAALKNVQLPEVTINEETALAEVNLKKSYLNIRTHPVATSFVFDLLIVDP
TGEEHHLATGTLTIVMDEEGKLCCLHKPGGSGLTGAKLQDCMSRAVTRHKEVKKLMDEVIKSMKPK

Purity:> 95% by HPLC

Concentration:0.25 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.