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32-3773: EXOSC4 Recombinant Protein

Alternative Name : Exosome Component 4,Ribosomal RNA-Processing Protein 41,Exosome Complex Exonuclease RRP41,Exosome Complex Component RRP41,RRP41A,Ski6p,SKI6,p12A.

Description

Source : Escherichia Coli. EXOSC4 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 268 amino acids (1-245aa) and having a molecular mass of 28.8kDa.EXOSC4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. EXOSC4 is a Non-catalytic component of the RNA exosome complex that has 3'->5' exoribonuclease activity and takes part in several cellular RNA processing and degradation procedures. In the nucleus, the RNA exosome complex contributes to accurate maturation of stable RNA species such as rRNA, snRNA and snoRNA, in the removal of RNA processing by-products and non-coding 'pervasive' transcripts, like antisense RNA species and promoter-upstream transcripts (PROMPTs), and of mRNAs with processing deficiencies, thus controlling or excluding their export to the cytoplasm. Diseases related with EXOSC4 include hepatitis a, and mouth disease.

Product Info

Amount :	20 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	EXOSC4 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol.
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 SSGLVPRGSH MGSMAGLELL SDQGYRVDGR RAGELRKIQA RMGVFAQADG SAYIEQGNTK ALAVVYGPHE IRGSRARALP DRALVNCQYS SATFSTGERK RRPHGDRKSC EMGLQLRQTF EAAILTQLHP RSQIDIYVQV LQADGGTYAA CVNAATLAVL DAGIPMRDFV CACSAGFVDG TALADLSHVE EAAGGPQLAL ALLPASGQIA LLEMDARLHE DHLERVLEAA AQAARDVHTL LDRVVRQHVR EASILLGD