9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

32-3776: EXOSC8 Recombinant Protein

Alternative Name :	Exosome Component 8,EXOSC8,OIP2,RRP43,CBP-Interacting Protein 3,Opa Interacting Protein 2,Opa-Interacting Protein 2,Ribosomal RNA-Processing Protein 43,OIP-2,p9,CIP3,EAP2,Rrp43p,bA421P11.3,Exosome Complex Component RRP43,Exosome Comple

Description

Source : Escherichia Coli. EXOSC8 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 299 amino acids (1-276) and having a molecular mass of 32.4 kDa.EXOSC8 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Exosome component 8 and transcription factor 4 (EXOSC8) is a part of the exosome complex. In the cytoplasm, the RNA exosome complex is engaged in general mRNA turnover and specifically degrades naturally unstable mRNAs containing AU-rich elements (AREs) within their 3' untranslated regions, and in RNA inspection pathways, preventing translation of aberrant mRNAs. EXOSC8 appears to be involved in degradation of histone mRNA. EXOSC8 attaches to ARE-containing RNAs. The EXOSC8 gene encodes a 3'-5' exoribonuclease, which specifically interacts with mRNAs containing AU-rich elements. The EXOSC8 protein is part of the exosome complex, which is significant for the degradation of many RNA species.

Product Info

Amount :	10 µg
Purification :	Greater than 90% as determined by SDS-PAGE.
Content :	The EXOSC8 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 50% glycerol, 0.2M NaCl 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 SSGLVPRGSH MGSMAAGFKT VEPLEYYRRF LKENCRPDGR ELGEFRTTTV NIGSISTADG SALVKLGNTT VICGVKAEFA APSTDAPDKG YVVPNVDLPP LCSSRFRSGP PGEEAQVASQ FIADVIENSQ IIQKEDLCIS PGKLVWVLYC DLICLDYDGN ILDACTFALL AALKNVQLPE VTINEETALA EVNLKKKSYL NIRTHPVATS FAVFDDTLLI VDPTGEEEHL ATGTLTIVMD EEGKLCCLHK PGGSGLTGAK LQDCMSRAVT RHKEVKKLMD EVIKSMKPK.