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AR51236PU-S Human EXOSC4 (1-245, His-tag) - Purified

Alternate names: Exosome complex exonuclease RRP41, Exosome component 4, RRP41, Ribosomal RNA-processing protein 41, SKI6, p12A

Quantity: 0.1 mg

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

Background: EXOSC4, also known as fetuin-A, belongs to the fetuin class of plasma binding proteins. It is involved in several functions, such as endocytosis, brain development and the formation of bone tissue. It is commonly present in the cortical plate of the immature cerebral cortex and bone marrow hemopoietic matrix, and it has been postulated that it participates in the development of the tissues. It forms soluble complexes with calcium and phosphate and thus is a carrier of otherwise insoluble calcium phosphate.

Uniprot ID: Q9NPD3

NCBI: NP_061910

GeneID: 54512

Species: Human

Source: E. coli

Format:
State: Liquid purified protein
Purity: >85% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH8.0) containing 10% glycerol 0.4M Urea

Description: Recombinant human EXOSC4 protein, fused to His-tag at N-terminus, was expressed in E.coli.

AA Sequence:

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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
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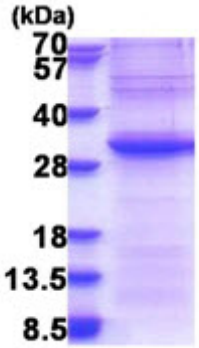
Molecular weight: 28.8 kDa (268aa)

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: Osawa M. et al. (1997) Gene. 196:121-125. Rizzu P. et al. (1995) Cytogenet Cell Genet.. 70:26-28.

For research and in vitro use only. Not for diagnostic or therapeutic work.
Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Pictures:



15% SDS-PAGE (3ug)

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