

Recombinant human EXOSC4 protein

Catalog Number: ATGP2415

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-245aa

UniProt No.

Q9NPD3

NCBI Accession No.

NP_061910

Alternative Names

Exosome complex component RRP41, Exosome complex component RRP41, hRrp41p, p12A, RRP41, RRP41A, Rrp41p, SKI6, Ski6p

PRODUCT SPECIFICATION

Molecular Weight

28.8 kDa (268aa)

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol 0.4M urea

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

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. Recombinant human EXOSC4 protein,

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fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SSGLVPRGSH MGS>MAGLELL SDQGYRVDGR RAGELRKIQA RMGVFAQADG SAYIEQGNTK
ALAVVYGPHE IRGSRARALP DRALVNCQYS SATFSTGERK RPHGDRKSC EMGLQLRQTF EAAILTQLHP RSQIDIYQV
LQADGGTYAA CVNAATLAVL DAGIPMRDFV CACSAGFVDG TALADLSHVE EAAGGPQLAL ALLPASGQIA LLEMDARLHE
DHLERVLEAA AQAARDVHTL LDRVVRQHVR EASILLGD

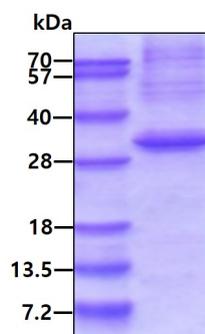
General References

Osawa M. et al. (1997) Gene. 196:121-125.

Rizzu P. et al. (1995) Cytogenet Cell Genet.. 70:26-28.

DATA

SDS-PAGE



3 μ g by SDS-PAGE under reducing condition and visualized by coomassie blue stain.