

Recombinant human EXOSC7 protein

Catalog Number: ATGP2754

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-291aa

UniProt No.

Q15024

NCBI Accession No.

NP_055819

Alternative Names

Exosome component 7, EAP1, hRrp42p, p8, RRP42, Rrp42p

PRODUCT SPECIFICATION

Molecular Weight

34.2 kDa (314aa) confirmed by MALDI-TOF

Concentration

0.5mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol, 1mM DTT

Purity

> 85% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

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

EXOSC7 belongs to the RNase PH family and is a component of the RNA exosome complex. Recombinant human EXOSC7 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

Amino acid Sequence

MGSSHHHHHH SSGLVPRGSH MGSMASVTLS EAEKVYIVHG VQEDLRVDGR GCEDYRCVEV ETDVVSNTSG
SARVKLGHTD ILVG VKAEMG TPKLEKPN EG YLEFFVDCSA SATPEFEGRG GDDLGT EIAN TLYRIFNNKS SVDLKTLCIS

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PREHCWVLYV DVLLECGGN LFDAISIAVK AALFNTRIPR VRVLEDEEGS KDIELSDDPY DCIRLSVENV PCIVTLCKIG
YRHVVDATLQ EEACSLASLL VSVTSKGVVT CMRKVGKGS LDPESIFEMME TGKRVGKVLH ASLQSVVHKE ESLGPKRQKV
GFLG

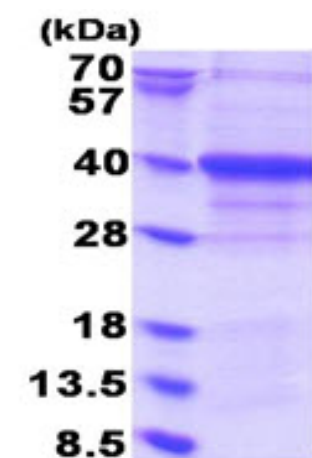
General References

Chen C.-Y., et al. (2001) Cell. 107:451-464

Staals R.H., et al. (2010) EMBO J. 29:2358-2367

DATA

SDS-PAGE



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

15% SDS-PAGE (3ug)