

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 SGLVPRGSH MGSMASVTLS EAEKVYIVHG VQEDLRVDGR GCEDYRCVEV ETDVVSNTSG
SARVKLGHTD ILVGVKAEMG TPKLEKPNeg YLEFFVDCSA SATPEFEGRG GDDLGTIEAN TLYRIFNNKS SVDLKTLCIS

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

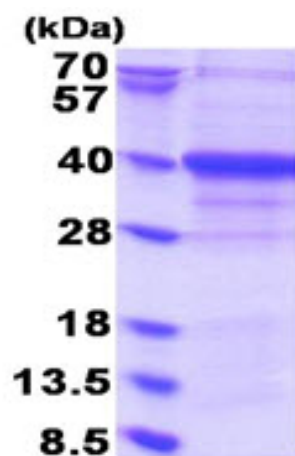
General References

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)