

Product information



EXOSC3, 1-275aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2703

Full name: exosome complex component RRP40 isoform 1

NCBI Accession No.: NP_057126

Synonym: bA3J10.7, CGI-102, hRrp-40, p10, PCH1B, RP11-3J10.8, RRP40, Rrp40p

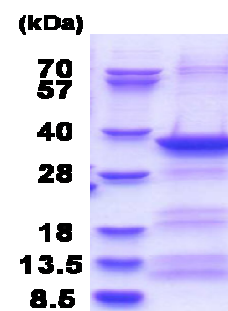
Description: EXOSC3 is a non-catalytic component of the human exosome, a complex with 3'-5' exoribonuclease activity that plays a role in numerous RNA processing and degradation activities. Related pseudogenes of this gene are found on chromosome 19 and 21. Alternatively spliced transcript variants encoding different isoforms have been described. Recombinant human EXOSC3 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 7.5 containing 0.15M NaCl, 30% glycerol, 1mM DTT)

Molecular Weight: 32.0 kDa (298aa) confirmed by MALDI-TOF

Purity: > 85% by SDS - PAGE

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



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSMAEPASV AAESLAGSRA RAARTVLGQV VLPGEELLLP EQEDAEGPGG AVERPLSLNA RACSRVRVVC
GPGLRRCGDR LLVTKCGRRLR HKEPGSGSGG GVYWVDSQQK RYVPVKGDHV IGIVTAKSGD IFKVDVGGSE PASLSYLSFE GATKRNRPNV
QVGDLYGQF VVANKDMEPE MVCIDSCGRA NGMGVIGQDG LLFKVTLGLI RKLLAPDCEI IQEVGKLYPL EIVFGMNGRI WVKAKTIQQT
LILANILEAC EHMTSDQRKQ IFSRLAES

General references:

Mukherjee D., *et al* (2002). EMBO J. 21:165-174

van Dijk E.L., *et al* (2007). RNA 13:1027-1035

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

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