

Product datasheet for **TP306007L**

EXOSC1 (NM_016046) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human exosome component 1 (EXOSC1), 1 mg

Species: Human

Expression Host: HEK293T

**Expression cDNA Clone
or AA Sequence:** >RC206007 protein sequence
Red=Cloning site **Green**=Tags(s)

MAPPVRYCIPGERLCNLEEGSPGSGTYTRHGVIYFSSLAGCLMKSSENGALPVVSVVRETESQLLPDVGAI
VTCKVSSINSRFAKVHILYVGSMPKNSFRGTIRKEDVRATEKDKVEIYKFSRPGDIVLAKVISLGDAQS
NYLLTTAENELGWWVAHSESGIQMVPISWCEMQCPKHTHTKEFRKVARVQPEFLQT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 21.3 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_057130](#)

Locus ID: 51013

UniProt ID: [Q9Y3B2](#)

RefSeq Size: 1150



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Cytogenetics: 10q24.1

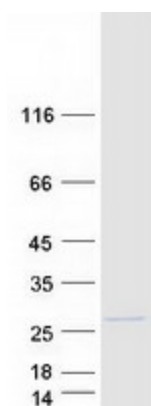
RefSeq ORF: 585

Synonyms: CGI-108; CSL4; Csl4p; p13; PCH1F; SKI4; Ski4p

Summary: This gene encodes a core component of the exosome. The mammalian exosome is required for rapid degradation of AU rich element-containing RNAs but not for poly(A) shortening. The association of this protein with the exosome is mediated by protein-protein interactions with ribosomal RNA-processing protein 42 and ribosomal RNA-processing protein 46. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jan 2016]

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified EXOSC1 protein (Cat# [TP306007]). The protein was produced from HEK293T cells transfected with EXOSC1 cDNA clone (Cat# [RC206007]) using MegaTran 2.0 (Cat# [TT210002]).