

## Product datasheet for **TP306007M**

### EXOSC1 (NM\_016046) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human exosome component 1 (EXOSC1), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC206007 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MAPPVRYCIPGERLCNLEEGSPGSGTYTRHGVIYFSSLAGCLMKSSENGALPVVSVVRETESQLLPDVGAI VTCKVSSINSRFAKVHILYVGSMPKNSFRGTIRKEDVRATEKDKVEIYKFSRPGDIVLAKVISLGDAQS NYLLTTAENELGWWVAHSESGIQMVPISWCEMQCPKHTHTKEFRKVARVQPEFLQT
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<u><a href="#">NP_057130</a></u>
Locus ID:	51013
UniProt ID:	<u><a href="#">Q9Y3B2</a></u>
RefSeq Size:	1150



[View online »](#)

**Cytogenetics:** 10q24.1

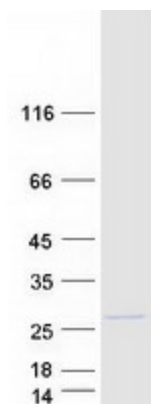
**RefSeq ORF:** 585

**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]).