

## Product datasheet for PH306007

### EXOSC1 (NM\_016046) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	EXOSC1 MS Standard C13 and N15-labeled recombinant protein (NP_057130)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC206007
Predicted MW:	21.5 kDa
Protein Sequence:	>RC206007 protein sequence Red=Cloning site Green=Tags(s)  MAPPVRYCIPGERLCNLEEGSPGSGTYTRHGYIFSSLAGCLMKSSENGALPVVSVVRETESQLLPDVGAI VTCKVSSINSRFAKVHILYVGSMPKNSFRGTIRKEDVRATEKDKVEIYKSRPGDIVLAKVISLGAQS NYLLTTAENELGVVAHSESGIQMVPISWCQMCPKTHTKFRKVARVQPEFLQT  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_057130</a>
RefSeq Size:	1150
RefSeq ORF:	585
Synonyms:	CGI-108; CSL4; Csl4p; p13; PCH1F; SKI4; Ski4p
Locus ID:	51013
UniProt ID:	<a href="#">Q9Y3B2</a>



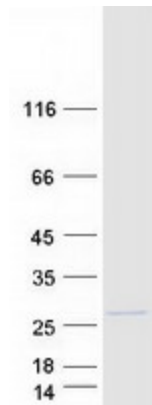
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Cytogenetics: 10q24.1

**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]).