

Product datasheet for PH300035

EXOSC3 (NM_016042) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EXOSC3 MS Standard C13 and N15-labeled recombinant protein (NP_057126)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200035
Predicted MW:	29.6 kDa
Protein Sequence:	>RC200035 protein sequence Red=Cloning site Green=Tags(s) MAEPASVAAESLAGSRARAARTVLGQVVLPGEELLLPEQEDAEGPGGAVERPLSLNARACSRVRVCGPG LRRCGDRLLVTKCGRLRHKEPGSGGGVYVWDSQQKRYVPVKGHDHIGIVTAKSGDIFKVDVGGSEPAS LSYLSFEGATKRNRPNVQVGDLIYGQFVANKDMEPEMVCIDSCGRANGMGVIGQDGLLKFVTLGLIRKL LAPDCEIIQEVGKLYPLEIVFGMNGRIWVKAKTIQQTILANILEACEHMTSDQRKQIFSRLAES TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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:	NP_057126
RefSeq Size:	1857
RefSeq ORF:	825
Synonyms:	bA3J10.7; CGI-102; hRrp-40; p10; PCH1B; RRP40; Rrp40p
Locus ID:	51010
UniProt ID:	Q9NQTS



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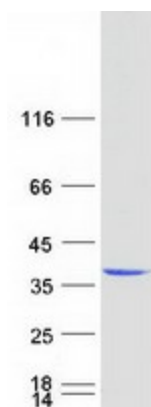
Cytogenetics: 9p13.2

Summary: This gene encodes 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. [provided by RefSeq, Jun 2012]

Protein Families: Stem cell - Pluripotency

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified EXOSC3 protein (Cat# [TP300035]). The protein was produced from HEK293T cells transfected with EXOSC3 cDNA clone (Cat# [RC200035]) using MegaTran 2.0 (Cat# [TT210002]).