

Product datasheet for PH323537

Exosome Component 9 (EXOSC9) (NM_001034194) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EXOSC9 MS Standard C13 and N15-labeled recombinant protein (NP_001029366)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC223537
Predicted MW:	50.6 kDa
Protein Sequence:	>RC223537 representing NM_001034194 Red=Cloning site Green=Tags(s)

MKETPLSNCERRFLLRAIEEKRLDGRQTYDYRNIRISFGTDYGCCIVELGKTRVLGQVSCELVSPKLNRA
ATEGILFFNLELSQMAAPAFEPGRQSDLLVKNRLMERCRLNSKCIDTESLQVAGEKQVQIRVDLHLLN
HDGNIIDAASIAAIVALCHFRPDVSVQGDEVTLTYPEERDPVPLSIHHMPICVSFAFFQQGTYLLVDPN
EREERVMDGLLVIAMNKHREICTIQSSGGIMLLKDQVLRCSKIAGVKVAEITELILKALENDQKVRKEGG
KFGFAESIANQRITAFKMEKAPIDTSDVEEKAEIIAEEAPPSEVVSTPVLWTPGTAQIGEGVENSWGL
EDSEKEDDEGGDQAIILDGIKMDTGVEVSDIGSQELGFHHVGTGLEFLTSDAPIILSDSEEEEMIILE
PDKNPKKIRTQTTSKQEKAPSKPKVRRKKKRAAN

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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:	<u>NP_001029366</u>
RefSeq Size:	1644
RefSeq ORF:	1368
Synonyms:	p5; p6; PCH1D; PM/Scl-75; PMSCL1; RRP45; Rrp45p



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Locus ID: 5393

UniProt ID: [Q06265](#)

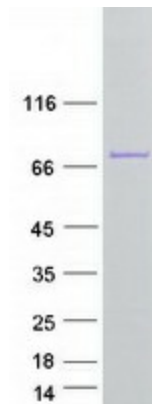
Cytogenetics: 4q27

Summary: This gene encodes a component of the human exosome, a exoribonuclease complex which processes and degrades RNA in the nucleus and cytoplasm. This component may play a role in mRNA degradation and the polymyositis/scleroderma autoantigen complex. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

Protein Families: Stem cell - Pluripotency

Protein Pathways: RNA degradation

Product images:



Coomassie blue staining of purified EXOSC9 protein (Cat# [TP323537]). The protein was produced from HEK293T cells transfected with EXOSC9 cDNA clone (Cat# [RC223537]) using MegaTran 2.0 (Cat# [TT210002]).