

# Recombinant Human EXOSC9 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** EXOSC9-6010H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

EXOSC9 MS Standard C13 and N15-labeled recombinant protein (NP\_001029366) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

50.6 kDa

### AA Sequence

MKETPLSNCERRFLLRAIEEKRLDGRQTYDYRNIRISFGTDYGCCIVELGKTRVLGQ  
VSCELVSPKLN RATEGILFFNLELSQMAAPAFEPGRQSDLLVKNRLMERCLRN SKC  
IDTESLCVVAGEK V W Q I R V D L H L L N H D G N I I D A A S I A A I V A L C H F R R P D V S V Q G D E V T L  
Y T P E E R D P V P L S I H H M P I C V S F A F F Q Q G T Y L L V D P N E R E E R V M D G L L V I A M N K H R E I C  
T I Q S S G G I M L L K D Q V L R C S K I A G V K V A E I T E L I L K A L E N D Q K V R K E G G K F G F A E S I A N Q  
R I T A F K M E K A P I D T S D V E E K A E E I I A E A E P P S E V V S T P V L W T P G T A Q I G E G V E N S W G D  
L E D S E K E D D E G G G D Q A I I L D G I K M D T G V E V S D I G S Q E L G F H H V G Q T G L E F L T S D A P I I  
L S D S E E E E M I I L E P D K N P K K I R T Q T T S A K Q E K A P S K K P V K R R K K K R A A N T R T R P L E Q K  
L I S E E D L A A N D I L D Y K D D D D K V

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	EXOSC9 exosome component 9 [ Homo sapiens (human) ]
<b>Official Symbol</b>	EXOSC9
<b>Synonyms</b>	EXOSC9; exosome component 9; PMSCL1, polymyositis/scleroderma autoantigen 1, 75kDa; exosome complex component RRP45; p5; p6; PM/ScI 75; polymyositis/scleroderma autoantigen 1 (75kD); RRP45; Rrp45p; autoantigen PM/ScI 1; PMSCL autoantigen, 75kD; exosome complex exonuclease RRP45; polymyositis/scleroderma autoantigen 1, 75kDa; P75 polymyositis-scleroderma overlap syndrome associated autoantigen; P75 polymyositis-scleroderma overlap syndrome-associated autoantigen; PMSCL1; PM/ScI-75;
<b>Gene ID</b>	5393
<b>mRNA Refseq</b>	NM_001034194
<b>Protein Refseq</b>	NP_001029366

 Tel: 1-631-559-9269 1-516-512-3133

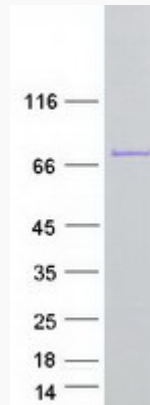
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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**MIM** 606180

**UniProt ID** Q06265

**SDS-PAGE**



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