

Recombinant Human EXOSC10 protein, His-tagged

Cat. No. EXOSC10-5391H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXOSC10 fused with His tag was expressed in Insect cells.
Species	Human
Source	Insect Cells
Description	EXOSC10 is a nucleolar protein and represents one crucial component of the so-called "PM/ScI complex" or "nuclear exosome", which is an RNA-processing complex consisting of a number of exoribonucleases (not to be confused with certain multivesicular bodies which are shed by cultured cells into the culture fluid and are also called exosomes).
Form	EXOSC10 is supplied at a concentration of 0.8mg/ml in 20mM HEPES, pH-7.5, 100mM NaCl, 0.01mM EDTA, 0.02% SDS.
Molecular Mass	120 kDa
Purity	Greater than 70% as determined by SDS-PAGE.
Applications	Western-Blot with monoclonal anti-hexa-His-tag antibody & polymyositis patient sera.
Notes	Coating concentration: 0.4-0.8 g/ml (depending on the type of ELISA plate and coating buffer). Suitable for biotinylation and iodination.
Storage	Store at 4 centigrade if entire vial will be used within 2-4 weeks.Store, frozen at -20

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centigrade for longer periods of time. Avoid multiple freeze-thaw cycles.

GENE INFORMATION

Gene Name	EXOSC10 exosome component 10 [Homo sapiens]
Official Symbol	EXOSC10
Synonyms	EXOSC10; exosome component 10; PMSCL2, polymyositis/scleroderma autoantigen 2, 100kDa; p2; p3; p4; PM Scl; PM/Scl 100; polymyositis/scleroderma autoantigen 2 (100kD); RRP6; Rrp6p; autoantigen PM-SCL; autoantigen PM/Scl 2; polymyositis/scleroderma autoantigen 100 kDa; polymyositis/scleroderma autoantigen 2, 100kDa; P100 polymyositis-scleroderma overlap syndrome-associated autoantigen; PMSCL; PM-Scl; PMSCL2; PM/Scl-100;
Gene ID	5394
mRNA Refseq	NM_001001998
Protein Refseq	NP_001001998
MIM	605960
UniProt ID	Q01780
Chromosome Location	1p36.22
Pathway	RNA degradation, organism-specific biosystem; RNA degradation, conserved biosystem;

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Function

3-5 exonuclease activity; RNA binding; exoribonuclease activity; hydrolase activity; nucleotide binding; protein binding;

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