

Recombinant Human EXOSC1 Protein, GST-tagged

Cat. No. EXOSC1-3566H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EXOSC1 full-length ORF (AAH22067, 1 a.a. - 195 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	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]
Molecular Mass	47.19 kDa
AA Sequence	MAPPVRYCIPGERLCNLEEGSPGSGTYTRHGYIFSSLAGCLMKSSENGALPVVSVV RETESQLLPDVGAIVTCKVSSINSRFAKVHILYVGSMPKNSFRGTIRKEDVRATEKD KVEIYKSRPGDIVLAKVISLGDAQSNYLLTTAENELGVVVAHSESGIQMVPISWCCEM QCPKTHTKEFRKVARVQPEFLQT
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EXOSC1 exosome component 1 [Homo sapiens]
Official Symbol	EXOSC1
Synonyms	EXOSC1; exosome component 1; exosome complex component CSL4; CGI 108; CSL4; CSL4 exosomal core protein homolog (yeast); Csl4p; hCsl4p; p13; SKI4; Ski4p; exosomal core protein CSL4; 3-5 exoribonuclease CSL4 homolog; CSL4 exosomal core protein homolog; homolog of yeast exosomal core protein CSL4; CGI-108; RP11-452K12.9;
Gene ID	51013
mRNA Refseq	NM_016046
Protein Refseq	NP_057130
MIM	606493
UniProt ID	Q9Y3B2

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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