

Recombinant Human EXOSC6 Protein, GST-tagged

Cat. No. EXOSC6-3577H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EXOSC6 partial ORF (NP_478126, 3 a.a. - 66 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene product constitutes one of the subunits of the multisubunit particle called exosome, which mediates mRNA degradation. The composition of human exosome is similar to its yeast counterpart. This protein is homologous to the yeast Mtr3 protein. Its exact function is not known, however, it has been shown using a cell-free RNA decay system that the exosome is required for rapid degradation of unstable mRNAs containing AU-rich elements (AREs), but not for poly(A) shortening. The exosome does not recognize ARE-containing mRNAs on its own, but requires ARE-binding proteins that could interact with the exosome and recruit it to unstable mRNAs, thereby promoting their rapid degradation. [provided by RefSeq, Jul 2008]
Molecular Mass	32.78 kDa
AA Sequence	GDHRRIRGPEESQPPQLYAADEEEAPGTRDPTLRPVIYARAGLLSQAKGSAYLEAG GTKVLCAV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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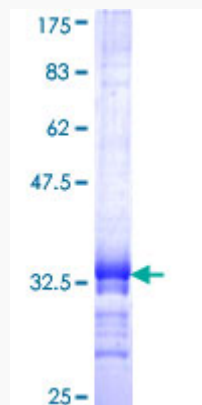
	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	EXOSC6 exosome component 6 [Homo sapiens]
Official Symbol	EXOSC6
Synonyms	EXOSC6; exosome component 6; exosome complex component MTR3; EAP4; hMtr3p; MTR3; Mtr3 (mRNA transport regulator 3) homolog (yeast); Mtr3p; p11; hMtr3; exosome complex exonuclease MTR3; mRNA transport regulator 3 homolog; Mtr3 (mRNA transport regulator 3)-homolog; homolog of yeast mRNA transport regulator 3;
Gene ID	118460
mRNA Refseq	NM_058219
Protein Refseq	NP_478126
MIM	606490
UniProt ID	Q5RKV6

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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