Recombinant Human EXOSC1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EXOSC1-1060H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EXOSC1 MS Standard C13 and N15-labeled recombinant protein (NP_057130) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	21.5 kDa
AA Sequence	MAPPVRYCIPGERLCNLEEGSPGSGTYTRHGYIFSSLAGCLMKSSENGALPVVSVV RETESQLLPDVGAIVTCKVSSINSRFAKVHILYVGSMPLKNSFRGTIRKEDVRATEKD KVEIYKSFRPGDIVLAKVISLGDAQSNYLLTTAENELGVVVAHSESGIQMVPISWCEM QCPKTHTKEFRKVARVQPEFLQTTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling

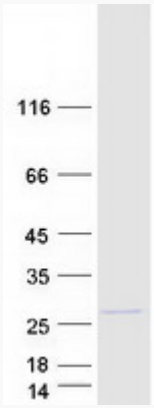
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	conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	EXOSC1 exosome component 1 [Homo sapiens (human)]
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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SDS-PAGE	

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