

Recombinant Human EXOSC8, His-tagged

Cat. No. EXOSC8-12600H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXOSC8 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-276a.a.
Description	This gene encodes a 3-5 exoribonuclease that specifically interacts with mRNAs containing AU-rich elements. The encoded protein is part of the exosome complex that is important for the degradation of numerous RNA species. A pseudogene of this gene is found on chromosome 6.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	EXOSC8 exosome component 8 [Homo sapiens]
Official Symbol	EXOSC8

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Synonyms	EXOSC8; exosome component 8; exosome complex component RRP43; bA421P11.3; CBP interacting protein 3; CIP3; EAP2; OIP2; Opa interacting protein 2; p9; RRP43; Rrp43p; OIP-2; CBP-interacting protein 3; opa-interacting protein 2; exosome complex exonuclease RRP43; ribosomal RNA-processing protein 43; RP11-421P11.3;
Gene ID	11340
mRNA Refseq	NM_181503
Protein Refseq	NP_852480
MIM	606019
UniProt ID	Q96B26
Chromosome Location	13q13.1
Pathway	Activation of Genes by ATF4, organism-specific biosystem; Deadenylation-dependent mRNA decay, organism-specific biosystem; Destabilization of mRNA by Butyrate Response Factor 1 (BRF1), organism-specific biosystem; Destabilization of mRNA by KSRP, organism-specific biosystem; Destabilization of mRNA by Tristetraprolin (TTP), organism-specific biosystem; Diabetes pathways, organism-specific biosystem; Disease, organism-specific biosystem;
Function	AU-rich element binding; RNA binding; NOT exoribonuclease activity; protein binding;