

Recombinant Human EXOSC3, GST-tagged

Cat. No. EXOSC3-12596H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human EXOSC3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-275a.a.
Description	This gene encodes a non-catalytic component of the human exosome, a complex with 3-5 exoribonuclease activity that plays a role in numerous RNA processing and degradation activities. Related pseudogenes of this gene are found on chromosome 19 and 21. Alternatively spliced transcript variants encoding different isoforms have been described.
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 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	EXOSC3 exosome component 3 [Homo sapiens]
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Official Symbol	EXOSC3
Synonyms	EXOSC3; exosome component 3; exosome complex component RRP40; CGI 102; CGI 102 protein; exosome component Rrp40; hRrp 40; hRrp40p; p10; RRP40; Rrp40p; exosome complex exonuclease RRP40; ribosomal RNA-processing protein 40; CGI-102; hRrp-40; bA3J10.7; MGC723; RP11-3J10.8; MGC15120;
Gene ID	51010
mRNA Refseq	NM_001002269
Protein Refseq	NP_001002269
MIM	606489
UniProt ID	Q9NQT5
Chromosome Location	9p11
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	3-5-exoribonuclease activity; RNA binding; NOT exoribonuclease activity; protein binding;