

Recombinant Human EXOSC5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EXOSC5-1027H **Lot. No.** (See product label)

SPECIFICATION

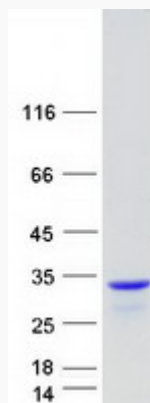
Product Overview	EXOSC5 MS Standard C13 and N15-labeled recombinant protein (NP_064543) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	EXOSC5 (Exosome Component 5) is a Protein Coding gene. Diseases associated with EXOSC5 include Cat-Scratch Disease and Pontocerebellar Hypoplasia, Type 1B. Among its related pathways are rRNA processing in the nucleus and cytosol and Regulation of activated PAK-2p34 by proteasome mediated degradation. Gene Ontology (GO) annotations related to this gene include RNA binding and exoribonuclease activity. An important paralog of this gene is EXOSC6.
Molecular Mass	25.3 kDa
AA Sequence	MEEEMHTDAKIRAENG TGSSPRGPGCSLRHFACEQNLLSRPDGSASFLQGDTSVL AGVYGPAEVKVSKEIFNKATLEVILRPKIGLPGVAEKSRRERLIRNTCEAVVLGTLHPRT SITVVLQVVSDAGSLLACCLNAACMALVDAGVPMRALFCGVACALDSGDTLVLDPTS KQEKEARAVLTFALDSVERKLLMSSTKGLYSDELQQCLAAAQAASQHVFRFYRES LQRRYSKSTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling 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	EXOSC5 exosome component 5 [Homo sapiens (human)]
Official Symbol	EXOSC5
Synonyms	EXOSC5; exosome component 5; exosome complex component RRP46; exosome component Rrp46; hRrp46p; MGC12901; p12B; RRP41B; RRP46; Rrp46p; exosome complex exonuclease RRP46; ribosomal RNA-processing protein 46; chronic myelogenous leukemia tumor antigen 28; MGC111224;
Gene ID	56915
mRNA Refseq	NM_020158
Protein Refseq	NP_064543
MIM	606492
UniProt ID	Q9NQT4

SDS-PAGE

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