

# Recombinant Human EXOSC5, His-tagged

**Cat. No.** EXOSC5-28337TH    **Lot. No.** (See product label)

## SPECIFICATION

|                                 |                                                                                                                                                                                                                                                  |
|---------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b>         | Recombinant fragment, corresponding to amino acids 6-235 of Human EXOSC5 with an N terminal His tag. MW 29 kDa;                                                                                                                                  |
| <b>Species</b>                  | Human                                                                                                                                                                                                                                            |
| <b>Source</b>                   | E.coli                                                                                                                                                                                                                                           |
| <b>ProteinLength</b>            | 6-235 a.a.                                                                                                                                                                                                                                       |
| <b>Description</b>              | Exosome component 5, also known as EXOSC5, is a human gene, which is part of the exosome complex.                                                                                                                                                |
| <b>Conjugation</b>              | HIS                                                                                                                                                                                                                                              |
| <b>Form</b>                     | Lyophilised:Reconstitute with 96 µl distilled water.                                                                                                                                                                                             |
| <b>Storage buffer</b>           | Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5                                                                                                                                    |
| <b>Storage</b>                  | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.                                                                                                                                                            |
| <b>Sequences of amino acids</b> | HTDAKIRAENG TGSSPRGPGCSLRHFACEQNLLSRPDGSA SFLQGDTSVLAGVYG<br>PAEVKVSKEIFNKATLEVILRPK IGLPGVAEKSRERLIRNTCEAVVLGTLHPRTSITVV<br>LQ VVSDAGSLLACCLNAACMALVDAGVPMRALFCGVACALDS DGTLVLDPTSKQE<br>KEARAVLTFALDSVERKLLMSSTKG LYSDELQQLAAQAASQHVFRFYRESLQR |

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RYSKS

## GENE INFORMATION

|                            |                                                                                                                                                                                                                                                                                                                                                            |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>           | EXOSC5 exosome component 5 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                |
| <b>Official Symbol</b>     | EXOSC5                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>            | EXOSC5; exosome component 5; exosome complex component RRP46; exosome component Rrp46; hRrp46p; MGC12901; p12B; RRP41B; RRP46; Rrp46p;                                                                                                                                                                                                                     |
| <b>Gene ID</b>             | 56915                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>         | NM_020158                                                                                                                                                                                                                                                                                                                                                  |
| <b>Protein Refseq</b>      | NP_064543                                                                                                                                                                                                                                                                                                                                                  |
| <b>MIM</b>                 | 606492                                                                                                                                                                                                                                                                                                                                                     |
| <b>Uniprot ID</b>          | Q9NQT4                                                                                                                                                                                                                                                                                                                                                     |
| <b>Chromosome Location</b> | 19q13.1                                                                                                                                                                                                                                                                                                                                                    |
| <b>Pathway</b>             | 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; Exosome, eukaryotes, organism-specific biosystem; |
| <b>Function</b>            | 3-5-exoribonuclease activity; RNA binding; NOT exoribonuclease activity; protein                                                                                                                                                                                                                                                                           |

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binding;

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