

# Recombinant Human EXOSC2 Protein, GST-tagged

**Cat. No.** EXOSC2-3569H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                          |
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| <b>Product Overview</b> | Human EXOSC2 full-length ORF (BAB14043.1, 1 a.a. - 293 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                    |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                               |
| <b>Description</b>      | EXOSC2 (Exosome Component 2) is a Protein Coding gene. Among its related pathways are CDK-mediated phosphorylation and removal of Cdc6 and Deadenylation-dependent mRNA decay. GO annotations related to this gene include RNA binding and exoribonuclease activity.                                                     |
| <b>Molecular Mass</b>   | 59.2 kDa                                                                                                                                                                                                                                                                                                                 |
| <b>AA Sequence</b>      | MAMEMRLPVARKPLSERLGRVTKKHLVVPGDTITTDTGFMRGHGYMGEEKLIASV<br>AGSVERVKNKLCVKALKTRYIGEVDIVVGRITEVQQKRWKVETNSRLDSVLLLSSMN<br>LPGGELRRRSAEDELAMRGFLQEGDLISAEVQAVFSDGAVSLHTRSLKYGKLGQGV<br>LVQVSPSLVKRQKTHFHDLP CGASVILGNNGFIWIYPTPEHKEEEAGGFIANLEPVSL<br>ADREVISRLRNCIISLVTQRMMLYDTSILYCYEASLPHQIKDILKPEIMEEIVMETRQRL<br>LEQEG |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                        |

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|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                                                                                                                                               |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                                                                                                                                             |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                             |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Gene Name</b>        | EXOSC2 exosome component 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                                          |
| <b>Official Symbol</b>  | EXOSC2                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | EXOSC2; exosome component 2; exosome complex component RRP4; homolog of yeast RRP4 (ribosomal RNA processing 4); 3 5 exoribonuclease (RRP4); hRrp4p; p7; RRP4; Rrp4p; exosome complex exonuclease RRP4; ribosomal RNA-processing protein 4; homolog of yeast RRP4 (ribosomal RNA processing 4), 3-5-exoribonuclease; homolog of yeast RRP4 (ribosomal RNA processing 4), 3 5 exoribonuclease (RRP4); |
| <b>Gene ID</b>          | 23404                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>mRNA Refseq</b>      | NM_014285                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_055100                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>MIM</b>              | 602238                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID</b>       | Q13868                                                                                                                                                                                                                                                                                                                                                                                               |

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