

# Recombinant Mouse Wwox Protein, Myc/DDK-tagged

**Cat. No.** Wwox-7014M    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Purified recombinant protein of Mouse WW domain-containing oxidoreductase (Wwox), with C-terminal MYC/DDK tag, expressed in HEK293T cells.                                                                                                                                                                                                                                                                                          |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>      | Putative oxidoreductase. Acts as a tumor suppressor and plays a role in apoptosis. May function synergistically with p53/TP53 to control genotoxic stress-induced cell death. Plays a role in TGFB1 signaling and TGFB1-mediated cell death. Inhibits Wnt signaling, probably by sequestering DVL2 in the cytoplasm. May also play a role in tumor necrosis factor (TNF)-mediated cell death. Required for normal bone development. |
| <b>Molecular Mass</b>   | 46.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Purity</b>           | > 80% as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Stability</b>        | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.                                                                                                                                                                                                                                                                                       |
| <b>Storage</b>          | Store at -80 centigrade after receiving vials.                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Concentration</b>    | >50 µg/mL as determined by microplate BCA method                                                                                                                                                                                                                                                                                                                                                                                    |

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** [Wwox WW domain-containing oxidoreductase \[ Mus musculus \(house mouse\) \]](#)

**Official Symbol** [Wwox](#)

**Synonyms** WWOX; WW domain-containing oxidoreductase; WW-domain oxidoreductase; WOX1; 5330426P09Rik; 9030416C10Rik

**Gene ID** [80707](#)

**mRNA Refseq** [NM\\_019573](#)

**Protein Refseq** [NP\\_062519](#)

**UniProt ID** [Q91WL8](#)

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