

# Recombinant Full Length Human MTX3 Protein, GST-tagged

**Cat. No.** MTX3-6569HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MTX3 full-length ORF ( AAI60186.1, 1 a.a. - 312 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                      |
| <b>Source</b>           | In Vitro Cell Free System                                                                                                                                                                                                                                                                                                                  |
| <b>ProteinLength</b>    | 312 amino acids                                                                                                                                                                                                                                                                                                                            |
| <b>Description</b>      | MTX3 (Metaxin 3) is a Protein Coding gene. An important paralog of this gene is MTX1.                                                                                                                                                                                                                                                      |
| <b>Molecular Mass</b>   | 34.4 kDa                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | MAAPLELSCWGGGWGLPSVHSESLVVMAYAKFSGAPLKVNVIDNTWRGSRGDVPI<br>LTTEDDMVSQPAKILNFLRKQKYNADYELSAKQGADTLAYIALLEEKLLPAVLHTFWV<br>ESDNYFTVTKPWFAEQIPFPLSLILPGRMSKGALNRILLTRGQPPLYHLREVEAQIYR<br>DAKECLNLLSNRLGTSQFFFGDTPSTLDAYVFGFLAPLYKVRFPKVQLQEHLKQLSN<br>LCRFCDDILSSYFRLSLGGISPAGQETVDANLQKLTQLVNKESNLIKMDNLRQSP<br>QLPPRKLPTLKLTPAEEENNSFQRLSP |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                          |

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|------------------|--------------------------------------------------------------------------|
| Notes            | Best use within three months from the date of receipt of this protein.   |
| Storage          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| Storage Buffer   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| GENE INFORMATION |                                                                          |
| Gene Name        | MTX3 metaxin 3 [ Homo sapiens (human) ]                                  |
| Official Symbol  | MTX3                                                                     |
| Synonyms         | MTX3; metaxin 3; metaxin-3                                               |
| Gene ID          | 345778                                                                   |
| mRNA Refseq      | NM_001010891                                                             |
| Protein Refseq   | NP_001010891                                                             |
| MIM              | 619336                                                                   |
| UniProt ID       | Q5HYI7                                                                   |

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