

# Recombinant Full Length Human MTF2 Protein, GST-tagged

**Cat. No.** MTF2-6498HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
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| <b>Product Overview</b> | Human MTF2 full-length ORF ( AAH10013.1, 1 a.a. - 536 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>    | 536 amino acids                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | MTF2 (Metal Response Element Binding Transcription Factor 2) is a Protein Coding gene. Among its related pathways are Mesodermal Commitment Pathway and Interactome of polycomb repressive complex 2 (PRC2). GO annotations related to this gene include methylated histone binding. An important paralog of this gene is PHF19.                                                                                                                                                               |
| <b>Molecular Mass</b>   | 84.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>AA Sequence</b>      | MRDSTGAGNSLVHKRSPLRRNQKTPSTLTKLSLQDGHKAKKPACKFEEGQDVLAR<br>WSDGLFYLGTIKKINILKQSCFIIFEDSSKSWVLWKDIQTGATGSGEMVCTICQEEYS<br>EAPNEMVICDKCGQGYHQLCHTPHIDSSVIDSDEKWLCRQCVFATTTKRGGALKKG<br>PNAKALQVMKQTLPYSVADLEWDAGHKTNVQQCYCYCGPGDWYLLKMLQCKCK<br>QWFHEACVQCLQKPMFLGDRFYTFICSVCSGPEYLRPLQWVDIAHLCLYNLSVI<br>HKKKYFDSELELMTYINENWDRHLHPGELADTPKSERYEHVLEALNDYKTMEVSNIGIE<br>KKGKKKSVGRPPGPYTRKMIQKTAEPLLDKESISENPTLDLPCSIGRTEGTAHSSNT<br>SDVDFTGASSAKETTSSSISRHYGLSDSRKRTRTGRSWPAAIPHLRRRRRGRLLPRRA |

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|                         | LQTQNSEIVKDDEGKEDYQFDELNTEILNNLADQELQLNHLKNSITSYFGAAGRIACG<br>EKYRVLARRVTLDGKVQYLVEWEGATAS                                                                                                                                                                                                                                                                                                               |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                        |
| <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>        | MTF2 metal response element binding transcription factor 2 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | MTF2                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>         | MTF2; metal response element binding transcription factor 2; metal-response element-binding transcription factor 2; M96; PCL2; polycomb like 2; hPCL2; polycomb-like 2; polycomb-like protein 2; putative DNA binding protein; metal regulatory transcription factor 2; metal-response element DNA-binding protein M96; metal response element-binding transcription factor 2; dJ976O13.2; RP5-976O13.1; |
| <b>Gene ID</b>          | 22823                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>mRNA Refseq</b>      | NM_001164391                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Protein Refseq</b>   | NP_001157863                                                                                                                                                                                                                                                                                                                                                                                             |

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| MIM | 609882 |
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| UniProt ID | Q9Y483 |
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