

# Recombinant Human MTERF2 Protein, GST-tagged

**Cat. No.** MTERF2-5695H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                             |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human MTERFD3 full-length ORF ( NP_079474.2, 1 a.a. - 385 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                             |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | MTERF2 (Mitochondrial Transcription Termination Factor 2) is a Protein Coding gene. GO annotations related to this gene include protein homodimerization activity and double-stranded DNA binding. An important paralog of this gene is MTERF1.                                                                                                                                                                             |
| <b>Molecular Mass</b>   | 70.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>AA Sequence</b>      | MLWKLLRSQSCRLCSFRKMRSPPKYRPFLACFTYTTDKQSSKENTRTVEKLYKCS<br>VDIRKIRRLKGWVLEDETYVEEIANILQELGADETAVASILERCPEAIVCSPTAVNTQ<br>RKLWQLVCKNEEELIKLIEQFPESFFTIKDQENQKLNQFFQELGLKNVVISRLLTAAP<br>NVFHNVPVEKNKQMVRIQLQESYLDVGGSEANMKVWLLKLLSQNPFIILLNSPTAIKETLE<br>FLQEQGFTSFEILQLLSKLLKGFLFQLCPRSIQNSISFSKNAFKCTDHDLDKQLVLKCPAL<br>LYYSVPVLEERMQGLLREGISIAQIRETPMVLELTPQIVQYRIRKLNSSGYRIKDGHLA<br>NLNGSKKEFEANFGKIQAKKVRPLFNPVAPLNVEE |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                           |

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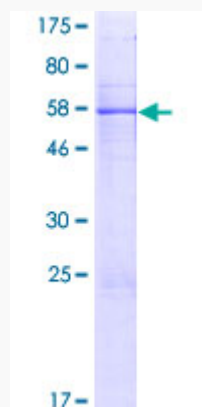
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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>        | MTERF2 mitochondrial transcription termination factor 2 [ Homo sapiens (human) ]                                                                                                                                                                                                        |
| <b>Official Symbol</b>  | MTERF2                                                                                                                                                                                                                                                                                  |
| <b>Synonyms</b>         | MTERFD3; MTERF domain containing 3; mTERF domain-containing protein 3, mitochondrial; FLJ14062; mitochondrial transcription termination factor 2; mitochondrial transcription termination factor-like protein; mTERF2; mTERFL; MTERF2; mitochondrial transcription termination factor 2 |
| <b>Gene ID</b>          | 80298                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_001033050                                                                                                                                                                                                                                                                            |
| <b>Protein Refseq</b>   | NP_001028222                                                                                                                                                                                                                                                                            |
| <b>UniProt ID</b>       | Q49AM1                                                                                                                                                                                                                                                                                  |

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**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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