# Recombinant Human CMTM7 Protein, GST-tagged

**Cat. No.** CMTM7-1396H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Human CKLFSF7 full-length ORF ( AAH10116, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Species** | Human |
| **Source** | Wheat Germ |
| **Description** | This gene belongs to the chemokine-like factor gene superfamily, a novel family that is similar to the chemokine and transmembrane 4 superfamilies. This gene is one of several chemokine-like factor genes located in a cluster on chromosome 3. This gene acts as a tumor suppressor that regulates G1/S transition in the cell cycle, and epidermal growth factor receptor/protein kinase B signaling during tumor pathogenesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Feb 2016] |
| **Molecular Mass** | 44.99 kDa |
| **AA Sequence** | MSHGAGLVRTTCSSGSALGPGAGAAQPSASPLEGLLDLSYPRTHAALLKVAQMVTL LIAFICVRSSLWTNYSAYSYFEVVTICDLIMILAFYLVHLFRFYRVLTCISWPLSELLHYL IGTLLLLIASIVAASKSYNQSGLVAGAIFGFMATFLCMASIWLSYKISCVTQSTDAAV |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array |

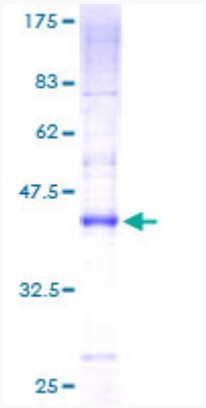
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| **Notes** | Best use within three months from the date of receipt of this protein. |
| **Storage** | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |

## GENE INFORMATION

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| **Gene Name** | CMTM7 CKLF-like MARVEL transmembrane domain containing 7 [ Homo sapiens ] |
| **Official Symbol** | CMTM7 |
| **Synonyms** | CMTM7; CKLF-like MARVEL transmembrane domain containing 7; chemokine like factor super family 7 , chemokine like factor superfamily 7 , CKLFSF7; CKLF-like MARVEL transmembrane domain-containing protein 7; FLJ30992; chemokine-like factor superfamily 7; chemokine-like factor super family 7; chemokine-like factor superfamily member 7; chemokine-like factor super family member 7 variant 2; CKLFSF7; |
| **Gene ID** | 112616 |
| **mRNA Refseq** | NM_138410 |
| **Protein Refseq** | NP_612419 |
| **MIM** | 607890 |
| **UniProt ID** | Q96FZ5 |

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| **Quality Control Testing:** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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