

## Recombinant Human MLF1 protein, GST-tagged

**Cat. No.** MLF1-3229H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human MLF1 protein(P58340)(1-268aa), fused to N-terminal GST tag, was expressed in E. coli.                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                        |
| <b>ProteinLength</b>    | 1-268aa                                                                                                                                                                                                                                                                                       |
| <b>Form</b>             | <p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>                                              |
| <b>Molecular Mass</b>   | 57.6 kDa                                                                                                                                                                                                                                                                                      |
| <b>AA Sequence</b>      | MFRMLNSSFEDDPFFSESILAHRENMRQMIRSFSEPFGRDLLSISDGRGRAHNRRG<br>HNDGEDSLTHTDVSSFQTMDQMVSNMRNYMQKLERNFGQLSVDPNGHSFCSSSV<br>MTYSKIGDEPPKVFQASTQTRRAPGGIKETRKAMRDSDSGLEKMAIGHHHIDRAHVI<br>KKSKNKKTGDEEVNQEFINMNESDAHAFDEEWQSEVLKYKPGRHNLGNTRMRSVG<br>HENPGSRELKRREKPQQSPAIEHGRRSNVLGDKLHIKGSSSVKSNKK |
| <b>Purity</b>           | Greater than 90% as determined by SDS-PAGE.                                                                                                                                                                                                                                                   |
| <b>Storage</b>          | Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid                                                                                                                                                                                                             |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

repeated freeze-thaw cycles.

#### Reconstitution

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

## GENE INFORMATION

**Gene Name** [MLF1 myeloid leukemia factor 1 \[ Homo sapiens \]](#)

**Official Symbol** [MLF1](#)

#### Synonyms

MLF1; myeloid leukemia factor 1; myeloid leukemia factor 1 variant 1; myeloid leukemia factor 1 variant 2; myeloid leukemia factor 1 variant 3; myelodysplasia-myeloid leukemia factor 1;

**Gene ID** [4291](#)

**mRNA Refseq** [NM\\_001130156](#)

**Protein Refseq** [NP\\_001123628](#)

**MIM** [601402](#)

**UniProt ID** [P58340](#)

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