



Recombinant Human MLF1 Protein Product Manual

1. Product Basic Information

Product No.: REP07464

Protein Name: Myeloid Leukemia Factor Myelodysplasia-Myeloid Leukemia Factor Testis Tissue Sperm-Binding Protein Li 49E (MLF1)

Aliases: myeloid leukemia factor myelodysplasia-myeloid leukemia factor testis tissue sperm-binding protein Li 49e

UniProt ID: P58340

UniProt Link: <https://www.uniprot.org/uniprotkb/P58340/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-268aa)

Molecular Weight: 57.6kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (1-268aa)

MFRMLNSSFEDDPFFSEILAHRENMRQMIRSFSEPFGRDLLSISDGRGRAHNRRG
HNDGEDSLTHTDVSSFQTMDQMVSNMRNYMQKLERNFGQLSVDPNGHSFCSSSV
MTYSKIGDEPPKVFQASTQTRRAPGGIKETRKAMRDSDSGLEKMAIGHHHIDRAHVI
KKSKNKKTGDEEVNQEFINMNESDAHAFDEEWQSEVLKYKPGRHNLGNTRMRSV
GHENPGSRELKRREKPPQQSPAIEHGRRSNVLGDKLHIKGSSSVKSNKK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human MLF1 full length protein (1-268aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. MLF1, also known as myeloid leukemia factor myelodysplasia-myeloid leukemia factor testis tissue sperm-binding protein Li 49e, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.