

Myeloid Leukemia Factor 1 Recombinant Protein | MLF1 recombinant protein

Recombinant Human Myeloid Leukemia Factor 1

CATALOG #
AAA38886

HOST
E Coli

PRODUCT SYNONYMS

Myeloid Leukemia Factor 1; Recombinant Human Myeloid Leukemia Factor 1; MLF1 Human; Myeloid Leukemia Factor 1 Human Recombinant; Myeloid leukemia factor 1; Myelodysplasia-myeloid leukemia factor 1; MLF1; MLF1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	The MLF1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 5mM DTT and 200mM NaCl. Sterile Filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMFR MLNSSFEDDP FFSESILAH R ENMRQMIRSF SEPFGRDLLS ISDGRGRAHN RRGHNDGEDS LTHTDVSSFQ TMDQMVSNMR NYMQKLERNF GQLSVDPNGH SFCSSSVMTY SKIGDEPPKV FQASTQTRRA PGGIKETRKA MRDSDSGLEK MAIGHHHDR AHVIKSKNK KTGDEEVNQE FINMNESDAH AFDEEWQSEV LKYKPGRHNL GNTRMRSVGH ENPGSRELKR REKPQQSPAI EHGRRSNVLG DKLHIKGSSV KSNKK
Sequence Length	243
Preparation and Storage	MLF1 should be stored desiccated below -18 Degree C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for MLF1 recombinant protein	Description: MLF1 Human Recombinant fused with a 20 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 288 amino acids (1-268 a.a.) and having a molecular mass of 32.8kDa (Molecular weight on SDS-PAGE will appear higher). The MLF1 is purified by proprietary chromatographic techniques. Introduction: Myeloid leukemia factor 1 (MLF1) is a member of the MLF family, and is a widely expressed negative regulator of cell cycle progression functioning upstream of the tumor suppressor p53. MLF1 hinders the erythropoietin-induced erythroid terminal differentiation by averting cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. MLF1 generally functions in multi-potent progenitor cells, and its dysregulation may be to some extent responsible for leukemogenesis. Translocations between the MLF1 gene and nucleophosmin are linked to myelodysplastic syndrome and acute myeloid leukemia.
Product Categories/Family for MLF1 recombinant protein	Recombinant & Natural Proteins ; Recombinant Proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	194328678
NCBI GeneID	4291
NCBI Accession #	NP_001123628.1
NCBI GenBank Nucleotide #	NM_001130156.2

UniProt Accession #	P58340; Q2TLE3; Q2TLE5; Q8N8F8; Q96MH1; E9PEU9
NCBI Official Full Name	myeloid leukemia factor 1 isoform 2
NCBI Official Synonym Full Names	myeloid leukemia factor 1
NCBI Official Symbol	MLF1
NCBI Protein Information	myeloid leukemia factor 1; myelodysplasia-myeloid leukemia factor 1
UniProt Protein Name	Myeloid leukemia factor 1
UniProt Gene Name	MLF1
UniProt Entry Name	MLF1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mlf1-recombinant-protein-e-coli/38886>