

Myeloid Leukemia Factor 1 Human Recombinant

Item Number	rAP-3760
Synonyms	Myeloid leukemia factor 1, Myelodysplasia-myeloid leukemia factor 1, MLF1.
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
Uniprot Accession Number	P58340
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MFRMLNSSF EDDPFFSESIL AHRENMRQMI RSFSEPFGRD LLSISDGRGR AHNRRGHNDG EDLSTHTDVS SFQTMQMV S NMRNYMQKLE RNFGQLSVDP NGHSFCSSSV MTYSKIGDEP PKVFQASTQT RRAPGGIKET RKAMRDSDSG LEKMAIGHHI HDRAH- VIKKS KNKKTGDEEV NQEFINMNES DAHAFDEEWQ SEVLKYKPGR HNLGNTRMRS VGHENPGSRE LKRREKPQQS PAIEHGRRSN VLGDKLHIKG SSVKSNKK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MLF1 solution (0.5 mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 5mM DTT and 200mM NaCl. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**