

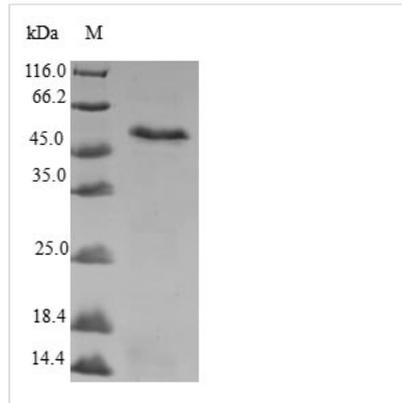


Recombinant Human Myeloid leukemia factor 1 (MLF1)

Product Code	CSB-EP014621HU
Relevance	Involved in lineage commitment of primary hemopoietic progenitors by restricting erythroid formation and enhancing myeloid formation. Interferes with erythropoietin-induced erythroid terminal differentiation by preventing cells from exiting the cell cycle through suppression of CDKN1B/p27Kip1 levels. Suppresses RFW2/COP1 activity via CSN3 which activates p53 and induces cell cycle arrest. Binds DNA and affects the expression of a number of genes so may function as a transcription factor in the nucleus.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P58340
Storage Buffer	Tris-based buffer,50% glycerol
Alias	Myelodysplasia-myeloid leukemia factor 1
Product Type	Recombinant Protein
Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	MFRMLNSSFEDDPFFSEILAHRENMRQMIRSFSEPFGRDLLSISDGRGRAHN RRGHNDGEDSLTHTDVSSFQTMDQMVSNMRYMQKLERNFQQLSVDPNGH SFCSSVMTYSKIGDEPPKVFQASTQTRRAPGGIKETRKAMRDSGKLEKMAI GHHIHDRAHVIKSKNKKTGDEEVNQEFINMNESDAHAFDEEWQSEVLKYKP GRHNLGNTRMRSVGHENPGSRELKRREKPPQSPAIEHGRRSNVLGDKLHIK SSVKSNNK
Research Area	others
Source	E.coli
Gene Names	MLF1
Protein Names	Recommended name: Myeloid leukemia factor 1 Alternative name(s): Myelodysplasia-myeloid leukemia factor 1
Expression Region	1-268aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	57.6kDa
Protein Description	Full Length



Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.