

## Recombinant Human MLF1, T7 -tagged

Cat. No. MLF1-29154TH Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant full length protein: Human Myeloid leukemia factor 1 fused with T7 tag at N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	This gene encodes an oncoprotein which is thought to play a role in the phenotypic determination of hemopoetic cells. Translocations between this gene and nucleophosmin have been associated with myelodysplastic syndrome and acute myeloid leukemia. Multiple transcript variants encoding different isoforms have been found for this gene.
<b>Conjugation</b>	T7
<b>Tissue specificity</b>	Most abundant in testis, ovary, skeletal muscle, heart, kidney and colon. Low expression in spleen, thymus and peripheral blood leukocytes.
<b>Form</b>	Liquid
<b>Purity</b>	>95% by SDS-PAGE
<b>Storage buffer</b>	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton X-100, 10mM Tris, pH 8.0

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<b>Storage</b>	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
<b>Sequence Similarities</b>	Belongs to the MLF family.
<b>Full Length</b>	Full L.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	MLF1 myeloid leukemia factor 1 [ Homo sapiens ]
<b>Official Symbol</b>	MLF1
<b>Synonyms</b>	MLF1; myeloid leukemia factor 1; myeloid leukemia factor 1 variant 1; myeloid leukemia factor 1 variant 2; myeloid leukemia factor 1 variant 3;
<b>Gene ID</b>	4291
<b>mRNA Refseq</b>	NM_001130156
<b>Protein Refseq</b>	NP_001123628
<b>MIM</b>	601402
<b>Uniprot ID</b>	P58340
<b>Chromosome Location</b>	3q25
<b>Pathway</b>	Transcriptional misregulation in cancers, organism-specific biosystem; Transcriptional misregulation in cancers, conserved biosystem;

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**Function**

DNA binding; protein binding; protein domain specific binding;

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