

Recombinant Human MCL1, His-tagged

Cat. No. MCL1-783H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human MCL1 was expressed as 6*his-tagged fusion protein by E.Coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-327aa
Description	This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing.
Source	E.coli
Species	Human
Tag	His
Storage	The protein is stored in PBS buffer at -20 oC. Repeated freeze-thaw cycles should be avoided.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM

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Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name [MCL1 myeloid cell leukemia sequence 1 \(BCL2-related\) \[Homo sapiens \(human\) \]](#)

Official Symbol MCL1

Synonyms

MCL1; TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT; myeloid cell leukemia sequence 1 (BCL2-related); induced myeloid leukemia cell differentiation protein Mcl-1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1

Gene ID [4170](#)

mRNA Refseq [NM_021960](#)

Protein Refseq [NP_068779](#)

MIM [159552](#)

UniProt ID Q07820

Chromosome Location 1q21

Pathway

Apoptosis Modulation and Signaling; Direct p53 effectors; HIF-1-alpha transcription factor network

Function BH3 domain binding; protein binding; protein channel activity

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