

Recombinant Human MCL1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MCL1-5820H **Lot. No.** (See product label)

SPECIFICATION

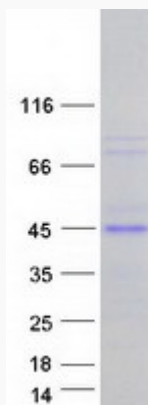
Product Overview	MCL1 MS Standard C13 and N15-labeled recombinant protein (NP_068779) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results 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.
Molecular Mass	37.2 kDa
AA Sequence	MFGLKRNAVIGLNLYCGGAGLGAGSGGATRPGGRLLATEKEASARREIGGGEAGAV IGGSAGASPPSTLTPDSRRVARPPPIGAIEVPDVTATPARLLFFAPTRRAAPLEEMEA PAADAIMSPEEELDGYEPEPLGKRPAVLPLLELVGESGNNSTDGSLPSTPPPAEEE EDELRYQSLEIISRYLREQATGAKDTKPMGRSGATSRKALETLLRRVGDGVQRNHET AFQGMLRKLDIKNEDDVKSLSRVMIHVFSDGVTNWGRIVTLISFGAFVAKHLKTINQE SCIEPLAESITDVLVRTKRDWLVKQRGWDGFVEFFHVEDLEGGIRNVLLAFAGVAGV GAGLAYLIRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	MCL1 MCL1 apoptosis regulator, BCL2 family member [Homo sapiens (human)]
Official Symbol	MCL1
Synonyms	MCL1; myeloid cell leukemia sequence 1 (BCL2-related); induced myeloid leukemia cell differentiation protein Mcl-1; BCL2L3; Mcl 1; bcl-2-like protein 3; myeloid cell leukemia ES; bcl-2-related protein EAT/mcl1; TM; EAT; MCL1L; MCL1S; Mcl-1; MCL1-ES; bcl2-L-3; mcl1/EAT; MGC1839; MGC104264;
Gene ID	4170
mRNA Refseq	NM_021960
Protein Refseq	NP_068779
MIM	159552
UniProt ID	Q07820

SDS-PAGE

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