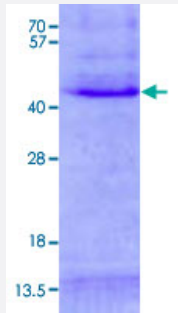


Full-Length

MCL1 (Human) Recombinant Protein

Catalog # P5864 Size 50 ug

Applications



Specification

Product Description	Human MCL1 (NP_068779, 1 a.a. - 327 a.a.) full-length recombinant protein with His tag expressed in <i>Escherichia coli</i> .
Sequence	MGSSHHHHHSSGLVPRGSHMFGFLKRNAVIGLNLYCGGAGLGAGSGGATRPGGRLATEKEAS ARREIGGGEAGAVIGGSAGASPPSTLTPDSRRVARPPPIGAIEVDPVTATPARLLFFAPTRRAAPLE EMEAPAADAIMSPEEELDGYEPEPLGKRPAVLPLELVGESGNNTSTDGSLPSTPPPAEEEEDE LYRQSLEIISRYLREQATGAKDTKPMGRSGATSRKALETLRVGDGVQRNHETAFQGMLRKLDIKN EDDVKSLSRVMHVFSDGVTNWGRMTLISFGAFVAKHLKTINQESCIEPLAESITDVLVRTKRDWL VKQRGWDGDFVEFFHVEDLEGG
Host	<i>Escherichia coli</i>
Theoretical MW (kDa)	37.2
Form	Liquid
Preparation Method	<i>Escherichia coli</i> expression system
Purity	> 90% by SDS - PAGE
Quality Control Testing	3 ug/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.
Storage Buffer	In 20 mM Tris-HCl buffer, 0.2 M NaCl, pH 8.0 (20% glycerol, 2 mM DTT).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — MCL1

Entrez GeneID [4170](#)

Gene Name MCL1

Gene Alias BCL2L3, EAT, MCL1L, MCL1S, MGC104264, MGC1839, TM

Gene Description myeloid cell leukemia sequence 1 (BCL2-related)

Omim ID [159552](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the Bcl-2 family. Alternative splicing occurs at this locus and two transcript variants encoding distinct isoforms have been identified. The longer gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene product (isoform 2) promotes apoptosis and is death-inducing. [provided by RefSeq]

Other Designations OTTHUMP00000032794|OTTHUMP00000032795|induced myeloid leukemia cell differentiation protein Mcl-1|myeloid cell leukemia sequence 1|myeloid cell leukemia sequence 1, isoform 1

Disease

- [Bile Duct Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Cholangiocarcinoma](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Narcolepsy](#)

- [Tuberculosis](#)