

Full-Length

MCL1 (Human) Recombinant Protein (P01)

Catalog # H00004170-P01

Size 50 ug

Specification

Product Description	Human MCL1 full-length ORF (BAG35409.1, 1 a.a. - 350 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MFGLKRNAVIGLNLYCGGAGLGAGSGGATRPGGRLLATEKEASARREIGGGEAGAVIGGSAGAS PPSTLTPDSRRVARPPPIGAEPDVTATPARLLFFAPTRRAAPLEEMEAPAADAIMSPEEELDGY EPEPLGKRPAVLPLLELVGESGNNTSTDGSLPSTPPPAAAAEDELRYQSLEIISRYLREQATGAKD TKPMGRSGATSRKALETLRVGDGVQRNHETVFQGMLRKLDIKNEDDVKSLSRVMIHVFSDGVT NWGRVTLISFGAFVAKHLKTINQESCIEPLAESITDVLVRTKRDWLVKQRGWDGFVEFFHVEDLE GGIRNVLLAFAGVAGVGAGLAYLIR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	64.9
Interspecies Antigen Sequence	Mouse (76); Rat (75)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production

- Protein Array

Gene Info — MCL1

Entrez GeneID	4170
GeneBank Accession#	AK312508.1
Protein Accession#	BAG35409.1
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

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