

Myeloid Cell Leukemia Sequence 1 Human Recombinant

Item Number	rAP-3832
Synonyms	Myeloid cell leukemia sequence 1 (BCL2-related), induced myeloid leukemia cell differentiation protein Mcl-1, myeloid cell leukemia ES, Bcl-2-related protein EAT/mcl1, Bcl-2-like protein 3, MCL1-ES, MCL1S, mcl1/EAT, BCL2L3, MCL1L.
Description	MCL1 Human Recombinant produced in E. coli is a single polypeptide chain containing 347 amino acids (1-327) and having a molecular mass of 37.2 kDa. MCL1 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q07820
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MFGLKRNAV I GLNLYCGGAG LGAGSGGATR PGGRLLATEK EASAR-REIGG GEAGAVIGGS AGASPPSTLT PDSRRVARPP PIGAEPDVT ATPARLLFFA PTRRAAPLEE MEAPAADAIM SPEEELDGYE PEPLGKRPAV LPLELVGES GNNTSTDGSL PSTPPPAEEE EDE-LYRQSLE IISRYLREQA TGAKDTKPMG RSGATSRKAL ETLRRVGDGV QRNHETAFQG MLRKLDIKNE DDVKSLSRVM IHVFS DGVTN WGRIVTLISF GAFVAKHLKT INQESCIEPL AESITDVLVR TKRDWLVKQR GWDGFVEFFH VEDLEGG.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The MCL1 solution (0.25mg/1ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.2M NaCl, 2mM DTT and 20% glycerol. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**