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Product datasheet for AR50520PU-N

MCL1 (1-327, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MCL1 (1-327, His-tag) human protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MFGLKRNAVI GLNLYCGGAG LGAGSGGATR PGGRLLATEK EASARREIGG GEAGAVIGGS AGASPPSTLT PDSRRVARPP PIGAEVPDVT ATPARLLFFA PTRRAAPLEE MEAPAADAIM SPEEELDGYE PEPLGKRPAV LPLLELVGES GNNTSTDGSL PSTPPPAEEE EDELYRQSLE IISRYLREQA TGAKDTKPMG RSGATSRKAL ETLRRVGDGV QRNHETAFQG MLRKLDIKNE DDVKSLSRVM IHVFSDGVTN WGRIVTLISF GAFVAKHLKT INQESCIEPL AESITDVLVR TKRDWLVKQR GWDGFVEFFH VEDLEGG
Tag:	His-tag
Predicted MW:	37.2 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 2 mM DTT
Preparation:	Liquid purified protein
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001184249
Locus ID:	4170
UniProt ID:	Q07820, C8YZ26, A0A087WT64
Cytogenetics:	1q21.2
Synonyms:	bcl2-L-3; BCL2L3; EAT; Mcl-1; MCL1-ES; mcl1/EAT; MCL1L; MCL1S; TM

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Summary: 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. [provided by RefSeq, Oct 2010]

Protein Families: Druggable Genome, Transmembrane

Product images:

15% SDS-PAGE (3ug)