

Datasheet for ABIN7549359

MCL-1 Protein (AA 1-350) (His tag)



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Overview

Quantity:	1 mg
Target:	MCL-1 (MCL1)
Protein Characteristics:	AA 1-350
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MCL-1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant MCL1 Protein expressed in mammalian cells.
Sequence:	<p>MFGLKRNAV I GLNLYCGGAG LGAGSGGATR PGGRLATEK EASARREIGG GEAGAVIGGS</p> <p>AGASPPSTLT PDSRRVARPP PIGAEVPDVT ATPARLLFFA PTRRAAPLEE MEAPAADAIM</p> <p>SPEEELDGYE PEPLGKRPAV LPLLELVGES GNNTSTDGSL PSTPPPAEEE EDELYRQSLE</p> <p>IISRYLREQA TGAKDTKPMG RSGATSRKAL ETLRRVGDGV QRNHETAFQG MLRKLDIKNE</p> <p>DDVKSLSRVM IHVFSDGVTN WGRIVTLISF GAFVAKHLKT INQESCIEPL AESITDVLVR</p> <p>TKRDWLVKQR GWDGFVEFFH VEDLEGGIRN VLLAFAGVAG VGAGLAYLIR Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	MCL-1 (MCL1)
Alternative Name:	MCL1 (MCL1 Products)
Background:	Induced myeloid leukemia cell differentiation protein Mcl-1 (Bcl-2-like protein 3) (Bcl2-L-3) (Bcl-2-related protein EAT/mcl1) (mcl1/EAT),FUNCTION: Involved in the regulation of apoptosis versus cell survival, and in the maintenance of viability but not of proliferation. Mediates its effects by interactions with a number of other regulators of apoptosis. Isoform 1 inhibits apoptosis. Isoform 2 promotes apoptosis. {ECO:0000269 PubMed:10766760, ECO:0000269 PubMed:16543145}.
Molecular Weight:	37.3 kDa
UniProt:	Q07820
Pathways:	MAPK Signaling

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

Restrictions: For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months