

Datasheet for ABIN7556772
MCL-1 Protein (AA 1-331) (His tag)



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Overview

Quantity:	1 mg
Target:	MCL-1 (MCL1)
Protein Characteristics:	AA 1-331
Origin:	Mouse
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:	MFGLRRNAVI GLNLYCGGAS LGAGGGSPAG ARLVAEEAKA RREGGGEAAL LPGARVVARP PPVGAEDPDV TASAERRLHK SPGLLAVPPE EMAASAAAAI VSPEEELDGC EPEAIGKRPA VLPLLERVSE AAKSSGADGS LPSTPPPPEE EEDDLRQSL EISRYLREQ ATGSKDSKPL GEAGAAGRRA LETLRRVGDG VQRNHETAFQ GMLRKLDIKN EGDVKSFSRV MVHVFKDGVT NWGRIVTLIS FGAFVAKHLK SVNQESFIEP LAETITDVLV RTKRDWLVKQ RGWDGFVEFF HVQDLEGGIR NVLLAFAGVA GVGAGLAYLI R 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.
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 homolog (Bcl-2-related protein EAT/mcl1),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 2 has antiapoptotic activity. {ECO:0000269 PubMed:16543145, ECO:0000269 PubMed:19919825}.
Molecular Weight:	35.2 kDa
UniProt:	P97287
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.
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