

Datasheet for ABIN7554450
L3MBTL2 Protein (AA 1-705) (His tag)



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Overview

Quantity:	1 mg
Target:	L3MBTL2
Protein Characteristics:	AA 1-705
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This L3MBTL2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant L3MBTL2 Protein expressed in mammalian cells.
Sequence:	MEKPRSIEET PSSEPMEEEE DDDLELFGGY DSFRSYNSSV GSESSSYLEE SSEAENEDRE AGELPTSPLH LLSPGTPRSL DGSGSEPAVC EMCGIVGTRE AFFSKTKRFC SVSCSRSYSS NSKKASILAR LQKPPTKKA KVLHKAAWSA KIGAFHLSQG TGQLADGTPT GQDALVLGFD WGKFLKDHSY KAAPVSCFKH VPLYDQWEDV MKGMKVEVLN SDAVLPSRVY WIASVIQTAG YRVLLRYEGF ENDASHDFWC NLGTVDVHPI GWCAINSKIL VPPRTIHAKF TDWKGYLMKR LVGSRTL PVD FHIKMVESMK YPFRQGMRL VVDKSQVSRT RMAVVDTVIG GRLRLLYEDG DSDDDFWCHM WSPLIHPVGW SRRVGHGIKM SERRSDMAHH PTFRKIYCDA VPYLFKKVRA VYTEGGWFEE GMKLEAIDPL NLGNICVATV CKVLLDGYLM ICVDGGPSTD GLDWFCYHAS SHAIFPATFC QKNDIELTPP KGYEAQTFNW ENYLEKTKSK AAPSRFLNMD CPNHGFKVGM KLEAVDLM EP RLICVATVKR VVHRLLSIHF DGWDSEYDQW VDCESPDIYP VGWCELTGYQ LQPPVAAEPA TPLKAKEATK KKKKQFGKKR KRIPPTKTRP LRQGSKKPLL EDDPQGARKI SSEPVGGEII AVRVKEEHLD VASPKASSP ELPVSVENIK QETDD Sequence without tag. The

Product Details

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:

- 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: L3MBTL2

Alternative Name: L3MBTL2 ([L3MBTL2 Products](#))

Background: Lethal(3)malignant brain tumor-like protein 2 (H-I(3)mbt-like protein 2) (L(3)mbt-like protein 2),FUNCTION: Putative Polycomb group (PcG) protein. PcG proteins maintain the transcriptionally repressive state of genes, probably via a modification of chromatin, rendering it heritably changed in its expressibility. Its association with a chromatin-remodeling complex suggests that it may contribute to prevent expression of genes that trigger the cell into mitosis. Binds to monomethylated and dimethylated 'Lys-20' on histone H4. Binds histone H3 peptides that are monomethylated or dimethylated on 'Lys-4', 'Lys-9' or 'Lys-27'.
{ECO:0000269|PubMed:19233876}.

Target Details

Molecular Weight: 79.1 kDa

UniProt: [Q969R5](#)

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