

Datasheet for ABIN7562799

MAMLD1 Protein (AA 1-803) (His tag)



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Overview

Quantity:	1 mg
Target:	MAMLD1
Protein Characteristics:	AA 1-803
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MAMLD1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Mamld1 Protein expressed in mammalian cells.
Sequence:	<p>MDDWKSRLVI ENMLPHFNMV GNRQETRLQ ESGTSKRRQE GENFHFTGMA DGSYPNKKIR</p> <p>PCLEDVTL SM GPGAHPTSLS TEMQMPTLNM NPTSADLGVA GQSLLEN NP LDSNVVNSSA</p> <p>MGSPFGVPST ADTGLKGHAV PYYEKNNSMP AVDQELQDLL EELTKIQEPS SNDLDLEKIL</p> <p>GSKPEEPLVL HNPQAPLGPP AKLPVQMPHM ESLGSSKEFA SSCSQVAGTS LPIMPSSTGM</p> <p>SYSIPSSSKQ IVSSSSSTAQ AQVKNQVQNM LPVTMPPLSV PQWHHAHQLK ALAASKQGSA</p> <p>TKQGSNRNWS SLPPPGLSPP YLPVPSPHPP PPQPPPPPF S PQNFTASCMS SSSLSGSAVQ</p> <p>SSPNALLSSM APSSNASLGP TLPYVPAKLP GLPLNQPPQF SPQSSILANL VSSSVKSPQG</p> <p>HLISALPTST PGPSPPYRPE NLSSPGLPQQ SFTPQYSLIR SLTPTSNLLS QQQQQQQQQQ</p> <p>QQQQQQQQQQ QQQQHQA NSI FKPM TSSQQP KTL SMIMQQG LSSSSPEAPE PFTFSNTKPL</p> <p>SHFVSEPSQ KMASMSTHSR QSSLLHYLPQ ATPAHAPSAT ASSTATATLQ LQH HHQH QHHH</p> <p>QQHHHQQQHH QQQHHQH QHHH QQQQHQQQHH QQQQQQQPDQ SSFLLQQIMQ QPQRFQRMMA</p>

SDSMPALPGQ GCCHRCAWTS TALWLEHQHQ QWNSLTSTHG HVPPSNLTHV DKACKLGEAR
PPHVSLGRQP PSRQALGSES FLPGSSFAHE LARVTSTSSY NTSEAAPWGG WDPKAWRQVP
APLLPSCDAA AREAEIRSYG NDP **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.**

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, Western Blot

Grade: custom-made

Target Details

Target: MAMLD1

Alternative Name: Mamld1 ([MAMLD1 Products](#))

Background: Mastermind-like domain-containing protein 1,FUNCTION: Transactivates the HES3 promoter independently of NOTCH proteins. HES3 is a non-canonical NOTCH target gene which lacks binding sites for RBPJ (By similarity). Required for testosterone production. {ECO:0000250, ECO:0000269|PubMed:18162467}.

Molecular Weight: 87.6 kDa

UniProt: [P0C6A2](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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