

Datasheet for ABIN7549122

Meiosis 1 Associated Protein (M1AP) (AA 1-530) protein (His tag)



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Overview

Quantity:	1 mg
Target:	Meiosis 1 Associated Protein (M1AP)
Protein Characteristics:	AA 1-530
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	His tag
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat M1AP Protein expressed in mammalian cells.
Sequence:	<p>MHPGRTTGKG PSTHTQIDQQ PPRLIVHIA LPSWADICTN LCEALQNFFS LACSLMGPSR</p> <p>MSLFSLYMVQ DQHECILPFV QVKGNFARLQ TCISELRMLQ REGCFRSQGA SLRLAVEDGL</p> <p>QQFKQYSRHV TTRAALTYTS LEITILTSQP GKEVVKQLEE GLKDTDLARV RRFQVVEVTK</p> <p>GILEHVDSAS PVEDTSNDES SILGTDIDLQ TIDNDIVSME IFFKAHLHNS GTDQEQIHLL</p> <p>LSSQCFSNIS RPRDNPMCLK CDLQERLLCP SLLAGTADGS LRMDDPKGDF ITLYQMASQS</p> <p>SASHYKLQVI KALKSSGLCE SLTYGLPFIL RPTSCWQLDW DELETNQHF HALCHSLLKR</p> <p>EWLLAKGEP PGPGHSQRIP ASTFYVIMPS HSLTLLVKAV ATRELMLPST FLLPEDPHD</p> <p>DSLKNVESML DSLELEPTYN PLHVQSHLYS HLSSYAKPQ GRLHPHWESR APRKHPCKTG</p> <p>QLQTNRARAT VAPLPMTPVP GRASKMPAAS KSSSDAFFLP SEWEKDPSRP 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</p>

Product Details

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:

Meiosis 1 Associated Protein (M1AP)

Alternative Name:

M1AP ([M1AP Products](#))

Background:

Meiosis 1 arrest protein (Meiosis 1-arresting protein) (Meiosis 1-associated protein) (Spermatogenesis-associated protein 37),FUNCTION: Required for meiosis I progression during spermatogenesis. {ECO:0000269|PubMed:32673564}.

Molecular Weight:

59.4 kDa

UniProt:

[Q8TC57](#)

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