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Datasheet for ABIN7560500 **m1ip1 Protein (AA 1-182) (His tag)**

Overview

Quantity:	1 mg
Target:	m1ip1
Protein Characteristics:	AA 1-182
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This m1ip1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Mid1ip1 Protein expressed in mammalien cells.
Sequence:	MMQICDTYNQ KHSLFNAMNR FIGAVNNMDQ TVMVPSLLRD VPLSEPEIDE VSVEVGGSGG CLEERTTPAP SPGSANESFF APSRDMYSHY VLLKSIRNDI EWGVLHQPS PPAGSEESTW KPKDILVGLS HLESADAGEE DLEQQFHYHL RGLHTVLSKL TRKANILTNR YKQEIGFSNW GH 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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	m1ip1
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Alternative Name:	Mid1ip1 (m1ip1 Products)
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Background:	Mid1-interacting protein 1 (Gastrulation-specific G12-like protein) (Mid1-interacting G12-like protein) (Protein STRAIT11499 homolog) (Spot 14-related protein) (S14R) (Spot 14-R),FUNCTION: Plays a role in the regulation of lipogenesis in liver. Up-regulates ACACA enzyme activity. Required for efficient lipid biosynthesis, including triacylglycerol, diacylglycerol and phospholipid. Involved in stabilization of microtubules. {ECO:0000269 PubMed:15070402, ECO:0000269 PubMed:20457939, ECO:0000269 PubMed:20952656}.
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Molecular Weight:	20.4 kDa
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UniProt:	Q9CQ20
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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.
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Restrictions:	For Research Use only
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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