

Datasheet for ABIN7559993
ITM2C Protein (AA 1-269) (His tag)



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Overview

Quantity:	1 mg
Target:	ITM2C
Protein Characteristics:	AA 1-269
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ITM2C protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Itm2c Protein expressed in mammalien cells.
Sequence:	MVKISFQPAV AGIKADKADK AAASGPASAS APAAEILLTP AREERPPRHR SRKGGSVGGV CYLSMGMMVL LMGLVFASVY IYRYFFLAQL ARDNFFHCGV LYEDSLSSQI RTRLELEEDV KIYLEENYER INVPVPQFGG GDPADIIHDF QRGLTAYHDI SLDKCYVIEL NTTIVLPPRN FWELLMNVKR GTYLPQTYII QEEMVVTEHV RDKEALGSFI YHLCNGKDTY RLRRRSTRRR INKRGGKNCN AIRHFENTFV VETLICGVV 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.
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Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	ITM2C
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Alternative Name:	Itm2c (ITM2C Products)
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Background:	Integral membrane protein 2C (Transmembrane protein BRI3) [Cleaved into: CT-BRI3],FUNCTION: Negative regulator of amyloid-beta peptide production. May inhibit the processing of APP by blocking its access to alpha- and beta-secretase. Binding to the beta-secretase-cleaved APP C-terminal fragment is negligible, suggesting that ITM2C is a poor gamma-secretase cleavage inhibitor. May play a role in TNF-induced cell death and neuronal differentiation. {ECO:0000269 PubMed:14592447}.
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Molecular Weight:	30.5 kDa
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UniProt:	Q91VK4
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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