

Datasheet for ABIN7559457
SCNM1 Protein (AA 1-229) (His tag)



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Overview

Quantity:	1 mg
Target:	SCNM1
Protein Characteristics:	AA 1-229
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This SCNM1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Scnm1 Protein expressed in mammalien cells.
Sequence:	MSFKREGDDW SQLNVLKKRR VGDLLASYIP EDEALMLRDG RFACAICPHR PVLDTLAMLT AHRAGKKHLS SLKLFYGGKQ TGKGTEQNPR QQNELKTESK TEAPLLTQTR IITQNALHRA PHYNCCRRK HRPEAPAPSV SSPPLPTAEV QLQSAEISKE PEPRESDAK ESAALLASAP MSPTKRRVLN HYLTLRSSGW VPDGRGRWIK DENVEFDSDE EPPDLPLD 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.• Protein expressed in mammalien cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and

Product Details

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: SCN1M1

Alternative Name: Scnm1 ([SCNM1 Products](#))

Background: Sodium channel modifier 1,FUNCTION: As a component of the minor spliceosome, involved in the splicing of U12-type introns in pre-mRNAs (PubMed:17656373, PubMed:12920299). Plays a role in the regulation of primary cilia length and Hedgehog signaling (By similarity). {ECO:0000250|UniProtKB:Q9BWG6, ECO:0000269|PubMed:12920299, ECO:0000269|PubMed:17656373}.

Molecular Weight: 25.8 kDa

UniProt: [Q8K136](#)

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