

Datasheet for ABIN7560955

KATNAL2 Protein (AA 1-539) (His tag)



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Overview

Quantity:	1 mg
Target:	KATNAL2
Protein Characteristics:	AA 1-539
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KATNAL2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Katnal2 Protein expressed in mammalian cells.
Sequence:	<p>MELSYQTLKL THQAREAYEM RTEARRKNLL ILILHYLTQE GYMDAAKALE EETKLGLRRF EVCDNVDLET ILMEYESYYF VKFQKYPKVV KKAPDPVENN LPSRSGGKNK RLTDNSCQNL PKICHQKSRP KTSAVKTGDT KSVKEHLKQV KESVTDQTAE STDFGLNISK IHKDQPEEKA QPRRGQIIDF RGLLSDAIKG ATSEFALNTF ECNPDP SERL LKPLSAFIGM NSEMRELA AV VSRDIYLHNP NIKWNDIIGL DAAKQLVKEA VVYPIRYPQL FTGILSPWKG LLLYGPPGTG KTLAKAVAT ECKTTFFNIS ASTIVSKWRG DSEKLVRVLF ELARYHAPST IFLDELESVM SQRGMVPGGE HEGSLRMKTE LLVQMDGLAR SEDLVFVLAA SNLPWELDCA MLRRLEKRIL VDLPSQEARQ AMIYHWLPPV SKNHALELHT QLEYSVLSQE TEGYSGSDIK LVCREAAMRP VRKIFSVLEN NQSESNNLPG IQLDVTVTQD FLDVLAHTKP SAKNLTERYL AWQEKFESV</p> <p>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.</p>

Product Details

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:

KATNAL2

Alternative Name:

Katnal2 ([KATNAL2 Products](#))

Background:

Katanin p60 ATPase-containing subunit A-like 2 (Katanin p60 subunit A-like 2) (EC 5.6.1.1) (p60 katanin-like 2), FUNCTION: Severs microtubules in vitro in an ATP-dependent manner. This activity may promote rapid reorganization of cellular microtubule arrays.
{ECO:0000255|HAMAP-Rule:MF_03025}.

Molecular Weight:

61.2 kDa

UniProt:

[Q9D3R6](#)

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.

Application Details

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