

Datasheet for ABIN7564473

Dynamin 3 Protein (DNM3) (AA 1-863) (His tag)



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Overview

Quantity:	1 mg
Target:	Dynamin 3 (DNM3)
Protein Characteristics:	AA 1-863
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Dynamin 3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Dnm3 Protein expressed in mammalian cells.
Sequence:	<p>MGNREMEELI PLVNRLQDAF SALGQSCLE LPQIAVVGQ SAGKSSVLEN FVGRDFLPRG</p> <p>SGIVTRRPLV LQLVTSKAEY AEFLHCKGKK FTFDEVRHE IEAETDRVTG MNKGISSIPI</p> <p>NLRVYSPHVL NLTLIDLPGI TKVPVGDQPP DIEYQIRDMI MQFITRENCL ILAVTPANTD</p> <p>LANSDALKLA KEVDPQGLRT IGVTIKLDLM DEGTDARDVL ENKLLPLRRG YVGVVNRSQK</p> <p>DIDGKKDIKA AMLAERKFFL SHPAYRHIAD RMGTPHLQKV LNQQLTNHIR DTLPNFRNKL</p> <p>QGQLLSIEHE VEAFFKNFKPE DPTRKTKALL QMVQQFAVDF EKRIEGSGDQ VDTLELSGGA</p> <p>KINRIFHERF PFEIVKMEFN EKELRREISY AIKNIHGIRT GLFTPDMAFE AIVKKQIVKL</p> <p>KGPSLKSVDL VMQELINTVK KCTKRLANFP RLCEETERIV ANHIREREGK TKDQVLLIID</p> <p>IQVSYINTNH EDFIGFANAQ QRSSQVHKKS TIGNQVIRKG WLTVSNIGIM KGGSKGYWFFV</p> <p>LTAESLSWYK DDEEKEKKYM LPLDNLKVRD VEKGFMSKH VFALFNTEQR NVYKDYRFLE</p> <p>LACDSQEDVD SWKASLLRAG VYPDKSVGSN KTENDENGQA ENFSMDPQLE RQVETIRNLV</p>

Product Details

DSYMSIINKC IRDLIPKTIM HLMINNVKDF INSELLAQLY SSEDQNTLME ESAEQARRD
EMLRMYQALK EALAIIGDIN TATVSTPAPP PVDDSWLQHS RRSPPPSPTT QRRLTISAPL
PRPTSGRGPA PAIPSPGPHS GAPPVPFRPG PLPPFPNSSD SFGAPPQVPS RPTRAPPSVP
SRRPPSPTR PTIIRPLESS LLD **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:	<div>Key Benefits:</div> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	Dynamin 3 (DNM3)
Alternative Name:	Dnm3 (DNM3 Products)
Background:	Dynamin-3 (EC 3.6.5.5),FUNCTION: Microtubule-associated force-producing protein involved in producing microtubule bundles and able to bind and hydrolyze GTP. Most probably involved in vesicular trafficking processes, in particular endocytosis (By similarity). {ECO:0000250}.
Molecular Weight:	97.2 kDa
UniProt:	Q8BZ98
Pathways:	Toll-Like Receptors Cascades

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