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Datasheet for ABIN7562611
DYNC111 Protein (AA 1-628) (His tag)

Overview

Quantity:	1 mg
Target:	DYNC111
Protein Characteristics:	AA 1-628
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DYNC111 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Dync1i1 Protein expressed in mammalien cells.
Sequence:	MSDKSDLKAE LERKKQRLAQ IREEKKRKEE ERKKKEADMQ QKKEPVQDDS DLDRKRRETE ALLQSIGISP EPPLVPTPMS PSSKSVSTPS DAGSQDSGDL GPLTRTLQWD TDPSVLQLQS DSELGRRLHK LGVSKVTQVD FLPREVVSYS KETQTPLATH QSEEDEEDEE MVEPKIGHDS ELENQEKKQE TKEAPPRELT EEEKQILHS EEFLIFFDRT IRVIERALAE DSDIFFDYSG RELEEKDGDV QAGANLSFNR QFYDEHWSKH RVVTCMDWSL QPELMVASV SNNEDAPHEP DGVALVWNMK FKKTTPPEYVF HCQSSVMSVC FARFHPNLVV GGTYSGQIVL WDNRSRHRTP VQRTPLSAAA HTHPVYCVNV VGTQNAHNLI TVSTDGKMCS WSLDMLSTPQ ESMELVYNKS KPVAVTGMAF PTGDVNNFVW GSEEGTVYTA CRHGSKAGIG EVFEGHQGPV TGINCHMAVG PIDFSLFVT SSFDWTVKLV TTKHNKPLYS FEDNADYVVD VMWSPVHPAL FACVDGMGRL DLWNLNSDTE VPTASVAIEG ASALNRVRWA QGGKEVAVGD SEGRIWIYDV GELAVPHNDE WTRFARTLVE IRANRADSEE EGAVELAA 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:

- 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:

DYNC111

Alternative Name:

Dync1i1 ([DYNC111 Products](#))

Background:

Cytoplasmic dynein 1 intermediate chain 1 (Cytoplasmic dynein intermediate chain 1) (Dynein intermediate chain 1, cytosolic) (DH IC-1),FUNCTION: Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 1 complex that are thought to be involved in linking dynein to cargos and to adapter proteins that regulate dynein function. Cytoplasmic dynein 1 acts as a motor for the intracellular retrograde motility of vesicles and organelles along microtubules. The intermediate chains mediate the binding of dynein to dynactin via its 150 kDa component (p150-glued) DCTN1. May play a role in mediating the interaction of cytoplasmic dynein with membranous organelles and kinetochores.

Molecular Weight:

70.7 kDa

Target Details

UniProt: [O88485](#)

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