

Datasheet for ABIN7559444
DYNC2LI1 Protein (AA 1-351) (His tag)



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Overview

Quantity:	1 mg
Target:	DYNC2LI1
Protein Characteristics:	AA 1-351
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DYNC2LI1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Dync2li1 Protein expressed in mammalian cells.
Sequence:	MPSETLWEIA KAEVEKRRSH GSEGDGAEIG EKSVEFFIGSK NGGKTTIILR CLDRDESAKP TLALEYTYGR KTKGHNTPKD IAHFWELGGG TSLLDLISIP ITVDLRTFS IVLVLDLSKP NDLWSTMENL LQATKSHVDK VIMKLGKTSS KASAEMRQRM WSVVQKDHPD RELIDPFPIP LVIIGSKYDI FQDFDPEKRK VICKTLRFVA HYYGASLMFT SKSEALLKI RGVINQLAFG IDKSKSICVD QNKPLFITAG LDSLCQIGSP PVPDSDIGKL QAHSPMELWK KVDYDKLFPPK STGTLKAVQD PARDPQYAES EVDEMVRVQKD QELEHYKRSS SKTWKQIELD S 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- 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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
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Grade:	custom-made
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Target Details

Target:	DYNC2LI1
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Alternative Name:	Dync2li1 (DYNC2LI1 Products)
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Background:	Cytoplasmic dynein 2 light intermediate chain 1 (mD2LIC),FUNCTION: Acts as one of several non-catalytic accessory components of the cytoplasmic dynein 2 complex (dynein-2 complex), a motor protein complex that drives the movement of cargos along microtubules within cilia and flagella in concert with the intraflagellar transport (IFT) system, facilitating the assembly of these organelles (By similarity) (PubMed:15371312). Involved in the regulation of ciliary length (By similarity). {ECO:0000250 UniProtKB:Q8TCX1, ECO:0000269 PubMed:15371312}.
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Molecular Weight:	39.5 kDa
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UniProt:	Q8K0T2
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Pathways:	Hedgehog Signaling
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Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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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