

Datasheet for ABIN7547028

## DYNC1LI2 Protein (AA 1-492) (His tag)



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### Overview

Quantity:	1 mg
Target:	DYNC1LI2
Protein Characteristics:	AA 1-492
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DYNC1LI2 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

### Product Details

Purpose:	Custom-made recombinat DYNC1LI2 Protein expressed in mammalian cells.
Sequence:	<p>MAPVGVEKKL LLGPNGPAVA AAGDLTSEEE EGQSLWSSIL SEVSTRARSK LPSGKNILVF  GEDGSGKTTL MTKLQGAEHG KKGRGLELYL LSVHDEDRDD HTRCNVWILD GDLYHKGLLK  FAVSAESLPE TLVIFVADMS RPWTVMESLQ KWASVLREHI DKMKIPPEKM RELERKFVKD  FQDYMEPEEG CQGSPQRRGP LTSGSDEENV ALPLGDNVLT HNLGIPVLVV CTKDAVSVL  EKEHDYRDEH LDFIQSHLRR FCLQYGAALI YTSVKEEKNL DLLYKYIVHK TYGFHFTTPA  LVVEKDAVFI PAGWDNEKKI AILHENFTTV KPEDAYEDFI VKPPVRKLVH DKELAAEDEQ  VFLMKQQSLL AKQPATPTRA SESPARGPSG SPRTQGRGGP ASVPSSSPGT SVKKPDPNIK  NNAASEGVLA SFFNSLLSKK TGSPGSPGAG GVQSTAKKSG QKTVLSNVQE ELDRMTRKPD  SMVTNSSTEN EA</p> <p><b>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.</b></p>

## Product Details

Characteristics:	<div>Key Benefits:</div> <ul style="list-style-type: none"><li>• Made to order protein - from design to production - by highly experienced protein experts.</li><li>• Protein expressed in mammalian cells and purified in one-step affinity chromatography</li><li>• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.</li><li>• State-of-the-art algorithm used for plasmid design (Gene synthesis).</li></ul> <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
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Grade:	custom-made
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## Target Details

Target:	DYNC1LI2
Alternative Name:	DYNC1LI2 ( <a href="#">DYNC1LI2 Products</a> )
Background:	<p>Cytoplasmic dynein 1 light intermediate chain 2 (Dynein light intermediate chain 2, cytosolic) (LIC-2) (LIC53/55),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. May play a role in binding dynein to membranous organelles or chromosomes.</p> <p>{ECO:0000305 PubMed:36071160}.</p>
Molecular Weight:	54.1 kDa
UniProt:	<a href="#">O43237</a>

## Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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