

Datasheet for ABIN5712129

**DYNLL1 Protein (AA 1-89, full length) (GST tag)**[Go to Product page](#)**1** Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | DYNLL1  |
| Protein Characteristics:      | full length, AA 1-89                          |
| Origin:                       | Human   |
| Source:                       | Escherichia coli (E. coli)                    |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This DYNLL1 protein is labelled with GST tag. |
| Application:                  | SDS-PAGE (SDS)                                |

## Product Details

|               |  |
|---------------|--|
| Sequence:     | MCDRKAVIKN ADMSEEMQQD SVECATQALE KYNIEKDIAA HIKKEFDKKY NPTWHCIVGR<br>NFGSYVTHET KHFIYFYLGQ VAILLFKSG |
| Purification: | SDS-PAGE   |
| Purity:       | > 90 %   |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | DYNLL1   |
| Alternative Name: | DYL1 ( <a href="#">DYNLL1 Products</a> )   |
| Background:       | 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 |

## Target Details

motility of vesicles and organelles along microtubules. May play a role in changing or maintaining the spatial distribution of cytoskeletal structures. Binds and inhibits the catalytic activity of neuronal nitric oxide synthase. Promotes transactivation functions of ESR1 and plays a role in the nuclear localization of ESR1. Regulates apoptotic activities of BCL2L11 by sequestering it to microtubules. Upon apoptotic stimuli the BCL2L11-DYNLL1 complex dissociates from cytoplasmic dynein and translocates to mitochondria and sequesters BCL2 thus neutralizing its antiapoptotic activity.

Molecular Weight: 37.8 kDa

UniProt: [P63167](#)

Pathways: [M Phase](#), [Tube Formation](#), [Positive Regulation of Endopeptidase Activity](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

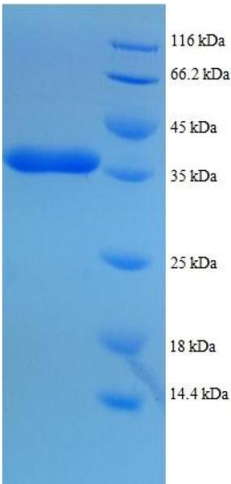
Format: Liquid

Concentration: 0.1-2 mg/mL

Buffer: 20 mM Tris-HCl based buffer, pH 8.0

Storage: -80 °C, 4 °C, -20 °C

Storage Comment: Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.



**SDS-PAGE**

**Image 1.**