

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 NFGSYVTHET KHFIYFYLGQ VAILLFKSG
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	DYNLL1
Alternative Name:	DYL1 (DYNLL1 Products)
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

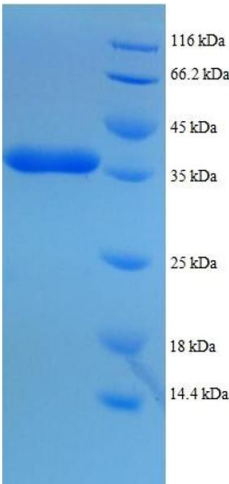
Format: Liquid

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.