Datasheet for ABIN667470

DYNLL2 Protein (AA 1-89) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	DYNLL2
Protein Characteristics:	AA 1-89
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DYNLL2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	DYNLL2, 1-89aa, Human, His tag, E.coli
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	DYNLL2
Alternative Name:	DYNLL2 (DYNLL2 Products)
Background:	Dynein light chain 2, cytoplasmic, also known DYNLL2, is a large protein complex composed of six distinct subunits and is responsible for most intracellular movement toward the minus ends of microtubules. Dyneins are multisubunit, high molecular weight ATPases that interact with microtubules to generate force by converting the chemical energy of ATP into the mechanical energy of movement. DYNLL2 is a highly conserved eukaryotic hub protein with dozens of

Target Details

	binding partners and various functions beyond being a subunit of dynein and myosin Va motor proteins. Recombinant human DYNLL2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques. Synonyms: Dynein light chain 2, LC8-type 2, Dlc2, DNCL1B, DLC8b. NCBI no.: NP_542408
Molecular Weight:	12.5 kDa (109aa), confirmed by MALDI-TOF
Pathways:	M Phase

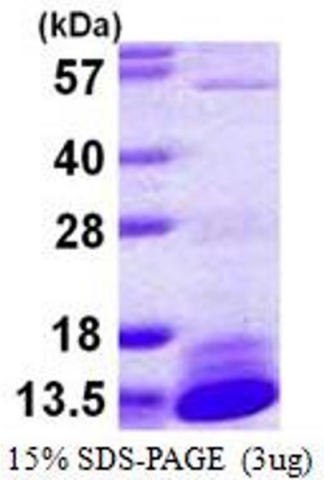
Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/ml (determined by Bradford assay)
Buffer:	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 1mM DTT, 30% glycerol, 0.2M NaCl
Storage:	4 °C

Images



SDS-PAGE

Image 1.