

Datasheet for ABIN667455

DNAL4 Protein (AA 1-105) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	DNAL4
Protein Characteristics:	AA 1-105
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DNAL4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	DNAL4, 1-105aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	DNAL4
Alternative Name:	DNAL4 (DNAL4 Products)
Background:	DNAL4 is a component of the dynein motor complex in cells which converts the chemical energy contained in ATP into the mechanical energy of movement. Dynein transports various cellular cargo by 'walking' along cytoskeletal microtubules towards the minus-end of the microtubule, which is usually oriented towards the cell center. Recombinant human DNAL4 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using

Target Details

conventional chromatography. Synonyms: Dynein light chain 4, axonemal, PIG27. NCBI no.: NP_005731

Molecular Weight: 14.1 kDa (125aa) confirmed by MALDI-TOF

Pathways: [Neurotrophin Signaling Pathway](#)

Application Details

Restrictions: For Research Use only

Handling

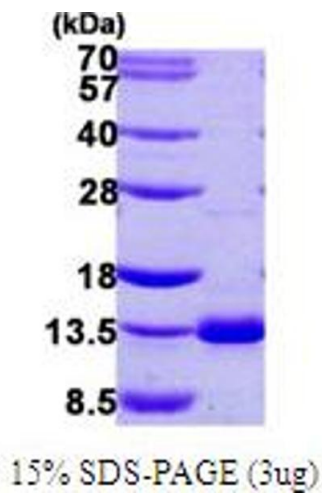
Format: Liquid

Concentration: 1.0 mg/ml (determined by Bradford assay)

Buffer: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

Storage: 4 °C

Images



SDS-PAGE

Image 1.