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Datasheet for ABIN1098241

Pallidin Protein (full length) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	Pallidin (PLDN)
Protein Characteristics:	full length
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Pallidin protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Purification:	purified by chromatography
Purity:	> 90 % by SDS - PAGE

Target Details

Target:	Pallidin (PLDN)
Alternative Name:	PLDN (PLDN Products)
Background:	PLDN (Pallidin) may play a role in intracellular vesicle trafficking. It interacts with Syntaxin 13 which mediates intracellular membrane fusion. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. This protein involved in the development of lysosome-related organelles, such as melanosomes and platelet-dense granules. PLDN has been shown to interact with

Target Details

BLOC1S1, STX12, Dysbindin, CNO, BLOC1S2, MUTED and SNAPAP. Recombinant human PLDN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 21.9kDa (192aa), confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

NCBI Accession: [NP_036520](#)

Pathways: [Synaptic Vesicle Exocytosis](#)

Application Details

Comment: Synonyms: pallidin, HPS9, PA, PALLID

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/ml (determined by Bradford assay)

Buffer: 20 mM Tris-HCl buffer (pH 8.0) containing 2 mM DTT, 10% glycerol, 100 mM NaCl

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images

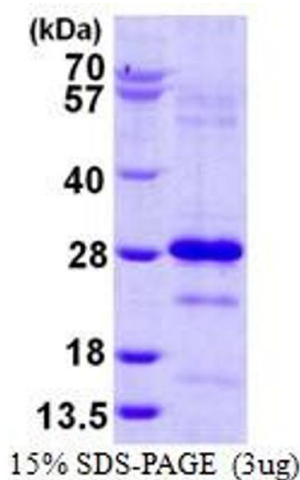


Image 1.