

Datasheet for ABIN1098273 **AKAP7 Protein (His tag)**



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1 Image

Overview

Quantity:	50 µg
Target:	AKAP7
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This AKAP7 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

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

Target Details

Target:	AKAP7
Alternative Name:	AKAP7 (AKAP7 Products)
Background:	AKAP7 (A-kinase anchor protein 7 isoform gamma isoform alpha) , also known as AKAP18, belongs to the A-kinase anchoring protein (AKAP) family, a group of functionally related proteins that bind to a regulatory subunit (RII) of cAMP-dependent protein kinase A (PKA) and target the enzyme to specific subcellular compartments. AKAP 7 is expressed in brain, heart, lung, pancreas and skeletal muscle. AKAP 7 binds PKA to the plasma membrane, and permits functional coupling to the L-type calcium channel. Recombinant human AKAP7 protein, fused

Target Details

to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Molecular Weight: 11.5kDa (105aa), confirmed by MALDI-TOF

NCBI Accession: [NP_004833](#)

Application Details

Comment: Synonyms: A-kinase anchor protein 7 isoform gamma isoform alpha, AKAP15, AKAP18

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, 10% glycerol, 1 MM DTT, 50 mM NaCl

Storage: 4 °C

Storage Comment: Avoid repeated freezing and thawing cycles.

Images

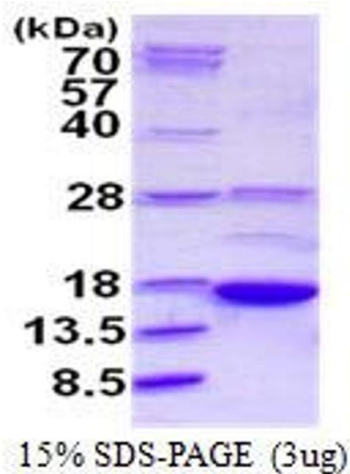


Image 1.