

Datasheet for ABIN666959

CASQ2 Protein (AA 20-399) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	CASQ2
Protein Characteristics:	AA 20-399
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CASQ2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Characteristics:	Calsequestrin-2, 20-399aa, Human, His tag, E.coli
Purity:	> 95 % by SDS - PAGE

Target Details

Target:	CASQ2
Alternative Name:	Calsequestrin-2 (CASQ2 Products)
Background:	<p>Calsequestrin2 is a calcium-binding protein of the sarcoplasmic reticulum. The protein helps hold calcium in the cisterna of the sarcoplasmic reticulum after a muscle contraction, even though the concentration of calcium in the sarcoplasmic reticulum is much higher than in the cytosol. It also helps sarcoplasmic reticulum store an amazing amount of calcium ions.</p> <p>Recombinant Calsequestrin2 protein was expressed in E.coli and purified by using conventional</p>

Target Details

chromatography techniques. Synonyms: PDIB2, CASQ2, Calsequestrin 2 (cardiac muscle), Calsequestrin 2 fast twitch cardiac muscle, Calsequestrin cardiac muscle isoform, Calsequestrin fast twitch cardiac muscle, Calsequestrin2, Cardiac calsequestrin 2, CASQ 2, ESTM52, FLJ26321, FLJ93514, PDIB2. NCBI no.: NP_001223

Molecular Weight: 48.4 kDa (417aa), confirmed by MALDI-TOF.

Pathways: [Negative Regulation of Transporter Activity](#)

Application Details

Restrictions: For Research Use only

Handling

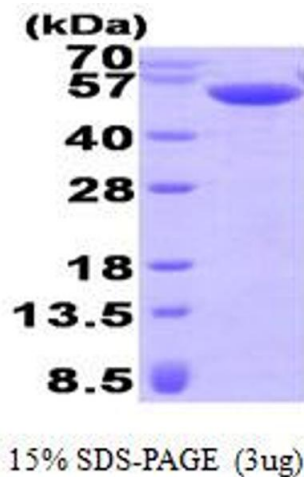
Format: Liquid

Concentration: 0.5 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.