Datasheet for ABIN5713574

KCND1 Protein (AA 410-647, Cytoplasmic Domain, Cytosolic) (His tag)

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Overview

Quantity:	100 µg
Target:	KCND1 (Kcnd1)
Protein Characteristics:	Cytosolic, Cytoplasmic Domain, AA 410-647
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCND1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	NFSRIYHQNQ RADKRRAQQK VRLARIRLAK SGTTNAFLQY KQNGGLEDSG SGEEQALCVR NRSAFEQQHH HLLHCLEKTT CHEFTDELTF SEALGAVSPG GRTSRSTSVS SQPVGPGSLL SSCCPRRAKR RAIRLANSTA SVSRGSMQEL DMLAGLRRSH APQSRSSLNA KPHDSLDLNC DSRDFVAAII SIPTPPANTP DESQPSSPGG GGRAGSTLRN SSLGTPCLFP ETVKISSL
Purification:	SDS-PAGE
Purity:	> 90 %

Target Details

Target:	KCND1 (Kcnd1)
Alternative Name:	KCND1 (Kcnd1 Products)
Background:	Pore-forming (alpha) subunit of voltage-gated rapidly inactivating A-type potassium channels.

Target Details

	May contribute to I(To) current in heart and I(Sa) current in neurons. Channel properties are modulated by interactions with other alpha subunits and with regulatory subunits.
Molecular Weight:	27.7 kDa
UniProt:	Q9NSA2

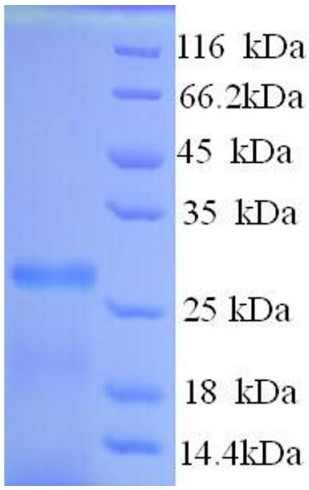
Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.1-2 mg/mL
Buffer:	20 mM Tris-HCl based buffer, pH 8.0
Storage:	-80 °C,4 °C,-20 °C
Storage Comment:	Store at -20°C, for extended storage, conserve at -20°C or -80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Images



SDS-PAGE

Image 1.

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