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KCNJ1 Protein (AA 178-391, Cytoplasmic Domain, Cytosolic) (His tag)



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Overview	
Quantity:	100 μg
Target:	KCNJ1
Protein Characteristics:	Cytosolic, AA 178-391, Cytoplasmic Domain
Origin:	Human
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This KCNJ1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)
Product Details	
Sequence:	ILAKISRPKK RAKTITFSKN AVISKRGGKL CLLIRVANLR KSLLIGSHIY GKLLKTTVTP EGETIILDQI
	NINFVVDAGN ENLFFISPLT IYHVIDHNSP FFHMAAETLL QQDFELVVFL DGTVESTSAT
	CQVRTSYVPE EVLWGYRFAP IVSKTKEGKY RVDFHNFSKT VEVETPHCAM CLYNEKDVRA
	RMKRGYDNPN FILSEVNETD DTKM
Purification:	SDS-PAGE
Purity:	> 90 %
·	> 90 %
Purity: Target Details	
·	> 90 % KCNJ1
Target Details	

Target Details

channels are characterized by a greater tendency to allow potassium to flow into the cell rather than out of it. Their voltage dependence is regulated by the concentration of extracellular potassium, as external potassium is raised, the voltage range of the channel opening shifts to more positive voltages. The inward rectification is mainly due to the blockage of outward current by internal magnesium. This channel is activated by internal ATP and can be blocked by external barium.

Molecular Weight: 26.3 kDa

UniProt: P48048

Application Details

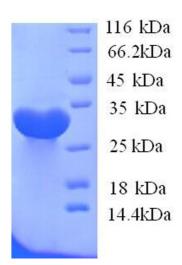
Application Notes: Optimal working dilution should be determined by the investigator.

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.