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Datasheet for ABIN7398302

CACNA1D Protein (AA 1-163) (His tag,GST tag)

Overview

Quantity:	100 µg
Target:	CACNA1D
Protein Characteristics:	AA 1-163
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CACNA1D protein is labelled with His tag,GST tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Met1-Lys163
Characteristics:	Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1D Subunit (CACNa1D), Prokaryotic expression, Met1-Lys163, N-terminal His and GST Tag
Purity:	> 90 %

Target Details

Target:	CACNA1D
Alternative Name:	Calcium Channel, Voltage Dependent, L-Type, Alpha 1D Subunit (CACNA1D Products)
Background:	CACH3, CACN4, CACNL1A2, CCHL1A2, Cav1.3, Voltage-gated calcium channel subunit alpha Cav1.3, Calcium channel, L type, alpha-1 polypeptide, isoform 2

Target Details

Molecular Weight: 48kDa

Pathways: [Sensory Perception of Sound](#)

Application Details

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

Comment: Isoelectric Point:10.6

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: 20 mM Tris, 150 mM NaCl, pH 8.0, containing 1 mM EDTA, 1 mM DTT, 0.01 % SKL, 5 % Trehalose and Proclin300.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C,-80 °C

Storage Comment: Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

Expiry Date: 12 months