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Datasheet for ABIN7420552  
**CACNA1S Protein (AA 1554-1767) (His tag)**

### Overview

Quantity:	100 µg
Target:	CACNA1S
Protein Characteristics:	AA 1554-1767
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CACNA1S protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC)

### Product Details

Sequence:	Gln1554-Ser1767
Characteristics:	Recombinant Calcium Channel, Voltage Dependent, L-Type, Alpha 1S Subunit (CACNa1S), Prokaryotic expression, Gln1554-Ser1767, N-terminal His Tag
Purity:	>95 %

### Target Details

Target:	CACNA1S
Alternative Name:	Calcium Channel, Voltage Dependent, L-Type, Alpha 1S Subunit ( <a href="#">CACNA1S Products</a> )
Background:	CACNL1A3, CCHL1A3, Cav1.1, HOKPP, MHS5, hypoPP, DHPR, Dihydropyridine Receptor, Voltage-gated calcium channel subunit alpha Cav1.1

## Target Details

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Molecular Weight:	27.6kDa
UniProt:	<a href="#">Q02485</a>
Pathways:	<a href="#">Skeletal Muscle Fiber Development</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:5.1
Restrictions:	For Research Use only

## Handling

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Format:	Lyophilized
Buffer:	PBS, pH 7.4, containing 0.01 % SKL, 1 mM DTT, 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