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Datasheet for ABIN7406431

Calmodulin 1 Protein (Calm1) (AA 2-149) (His tag)

Overview

Quantity:	100 µg
Target:	Calmodulin 1 (Calm1)
Protein Characteristics:	AA 2-149
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Calmodulin 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Ala2-Lys149
Characteristics:	Recombinant Calmodulin (CAM), Prokaryotic expression, Ala2-Lys149, N-terminal His Tag
Purity:	> 90 %

Target Details

Target:	Calmodulin 1 (Calm1)
Alternative Name:	Calmodulin (Calm1 Products)
Background:	CALcium MODULated ProteIN
Molecular Weight:	20kDa
UniProt:	P62158

Target Details

Pathways: [cAMP Metabolic Process](#), [Myometrial Relaxation and Contraction](#), [G-protein mediated Events](#), [Interaction of EGFR with phospholipase C-gamma](#), [Phototransduction](#), [BCR Signaling](#)

Application Details

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

Comment: Isoelectric Point:4.5

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