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Datasheet for ABIN7424083
ATP2A2 Protein (AA 315-756) (His tag)

Overview

Quantity:	100 µg
Target:	ATP2A2
Protein Characteristics:	AA 315-756
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ATP2A2 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Ile315-Met756
Characteristics:	Recombinant ATPase, Ca ⁺⁺ Transporting, Cardiac Muscle, Slow Twitch 2 (ATP2A2), Prokaryotic expression, Ile315-Met756, N-terminal His Tag
Purity:	> 90 %

Target Details

Target:	ATP2A2
Alternative Name:	ATPase, Ca ⁺⁺ Transporting, Cardiac Muscle, Slow Twitch 2 (ATP2A2 Products)
Background:	ATP2B, DAR, SERCA2, Calcium pump 2, Endoplasmic reticulum class 1/2 Ca(2+) ATPase, Calcium-transporting ATPase sarcoplasmic reticulum type, slow twitch skeletal muscle

Target Details

Molecular Weight:	56kDa
UniProt:	P16615
Pathways:	Myometrial Relaxation and Contraction , ER-Nucleus Signaling , Ribonucleoside Biosynthetic Process

Application Details

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

Handling

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