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Datasheet for ABIN7398218
SIRT1 Protein (AA 244-498) (His tag)

Overview

Quantity:	100 µg
Target:	SIRT1
Protein Characteristics:	AA 244-498
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SIRT1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Positive Control (PC), Immunogen (Imm)

Product Details

Sequence:	Glu244-Ala498
Characteristics:	Recombinant Sirtuin 1 (SIRT1), Prokaryotic expression, Glu244-Ala498, N-terminal His Tag
Purity:	> 95 %

Target Details

Target:	SIRT1
Alternative Name:	Sirtuin 1 (SIRT1 Products)
Background:	SIR2L1, Silent Mating Type Information Regulation 2 Homolog 1, NAD-Dependent Deacetylase Sirtuin-1, SIR2-like protein 1, SirtT1 75 kDa fragment
Molecular Weight:	19&28kDa

Target Details

UniProt:	Q96EB6
Pathways:	MAPK Signaling , Intracellular Steroid Hormone Receptor Signaling Pathway , Regulation of Intracellular Steroid Hormone Receptor Signaling , Carbohydrate Homeostasis , Positive Regulation of Endopeptidase Activity , Regulation of Carbohydrate Metabolic Process , Positive Regulation of Response to DNA Damage Stimulus , Negative Regulation of intrinsic apoptotic Signaling

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:5.9
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