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Datasheet for ABIN7389899

Glutathione Peroxidase 1 Protein (GPX1) (AA 48-201) (His tag)

Overview

Quantity:	100 µg
Target:	Glutathione Peroxidase 1 (GPX1)
Protein Characteristics:	AA 48-201
Origin:	Rat
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This Glutathione Peroxidase 1 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS), Immunogen (Imm), Positive Control (PC)

Product Details

Sequence:	Gly48-Pro201
Characteristics:	Recombinant Glutathione Peroxidase 1 (GPX1), Prokaryotic expression, Gly48-Pro201, N-terminal His Tag
Purity:	> 90 %

Target Details

Target:	Glutathione Peroxidase 1 (GPX1)
Alternative Name:	Glutathione Peroxidase 1 (GPX1 Products)
Background:	GSHPX1, Cellular glutathione peroxidase
Molecular Weight:	21kDa

Target Details

UniProt:	P04041
Pathways:	Thyroid Hormone Synthesis , Sensory Perception of Sound , Skeletal Muscle Fiber Development , Cell RedoxHomeostasis , Negative Regulation of intrinsic apoptotic Signaling , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Isoelectric Point:6.2
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