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Datasheet for ABIN7123127

Glutathione Peroxidase 1 Protein (GPX1) (AA 1-203) (His tag)

1 Image

Overview

Quantity:	50 µg
Target:	Glutathione Peroxidase 1 (GPX1)
Protein Characteristics:	AA 1-203
Origin:	Human
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), ELISA

Product Details

Purity:	Greater than 95 % as determined by SDS-PAGE
Sterility:	0.2 µm filtered

Target Details

Target:	Glutathione Peroxidase 1 (GPX1)
Alternative Name:	Glutathione Peroxidase 1 (GPX1 Products)
Background:	AL033363, Cellular glutathione peroxidase, Glutathione peroxidase, Glutathione peroxidase 1, GPx 1, GPx-1, GPX1, GPX1_HUMAN, GPXD, GSHPx-1, GSHPX1, MGC14399, MGC88245
Molecular Weight:	22.2 kDa
UniProt:	P07203

Target Details

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.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 µg/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex

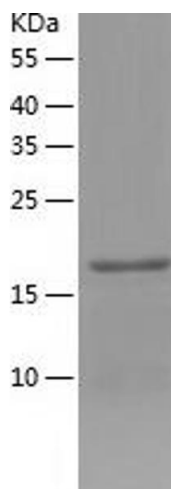
Buffer: Lyophilized from a 0.2 µm filtered solution in 10 mM Hepes, 500 mM NaCl with 5 % trehalose, pH 7.4

Storage: 4 °C, -20 °C

Storage Comment: -20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution

Expiry Date: 12 months

Images



Western Blotting

Image 1.