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Datasheet for ABIN2728712 Peroxiredoxin 5 Protein (PRDX5) (Transcript Variant 2) (Myc-DYKDDDDK Tag)





Overview

Quantity:	20 µg
Target:	Peroxiredoxin 5 (PRDX5)
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Peroxiredoxin 5 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human Peroxiredoxin-5 / PRDX5 (transcript variant 2) protein expressed in HEK293 cells.
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining
Target Details	
Target:	Peroxiredoxin 5 (PRDX5)
Alternative Name:	Peroxiredoxin-5,prdx5 (PRDX5 Products)
Background:	Reduces hydrogen peroxide and alkyl hydroperoxides with reducing equivalents provided
	through the thioredoxin system. Involved in intracellular redox signaling. [UniProtKB/Swiss-Prot Function]

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Target Details	
Molecular Weight:	17.2 kDa
NCBI Accession:	NP_857634
Pathways:	Cell RedoxHomeostasis

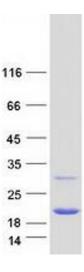
Application Details

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.
Restrictions:	For Research Use only

Handling

Concentration:	50 µg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze
	immediately. Only 2-3 freeze thaw cycles are recommended.

Images



Western Blotting

Image 1. Validation with Western Blot

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