

Product Data Sheet

Recombinant Human Glutathione Peroxidase 4 Protein

Catalog #	Source	Reactivity	Applications
CST1548	E. coli	H	
Description	Recombinant Human Glutathione Peroxidase 4 Protein is produced by E. coli expression system and the target gene encoding Ser31-Glu190 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GPX4		
Alternative Names	Phospholipid hydroperoxide glutathione peroxidase, mitochondrial; PHGPx; Glutathione peroxidase 4; GPx-4; GSHPx-4		
Entrez Gene	2879		
SwissProt	P36969		
Purity			
Chemical Structure	SRDDWRCARS MHEFSAKDID GHMVNLDKYR GFVCIVTNVA SQUGKTEVNY TQLVDLHARY AECGLRILAF PCNQFGKQEP GSNEEIKEFA AGYNVKFDMF SKICVNGDDA HPLWKWMKIQ PKGKGILGNA IKWNFTKFLI DKNGCVVKRY GPMEEPLVIE		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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