

OriGene Technologies, Inc.

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## Product datasheet for AR50150PU-S

## Glutathione peroxidase 2 / GPX2 (1-190, His-tag) Human Protein

## **Product data:**

Product Type:	Recombinant Proteins
Description:	Glutathione peroxidase 2 / GPX2 (1-190, His-tag) human recombinant protein, 10 $\mu g$
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MAFIAKSFYD LSAISLDGEK VDFNTFRGRA VLIENVASLC GTTTRDFTQL NELQCRFPRR LVVLGFPCNQ FGHQENCQNE EILNSLKYVR PGGGYQPTFT LVQKCEVNGQ NEHPVFAYLK DKLPYPYDDP FSLMTDPKLI IWSPVRRSDV AWNFEKFLIG PEGEPFRRYS RTFPTINIEP DIKRLLKVAI
Tag:	His-tag
Predicted MW:	24.1 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 40% glycerol, 0.15M NaCl, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human GPX2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 002074</u>
Locus ID:	2877
UniProt ID:	<u>P18283</u>
Cytogenetics:	14q23.3
Synonyms:	GI-GPx; GPRP; GPRP-2; GPx-2; GPx-GI; GSHPx-2; GSHPX-GI



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mily, members of oxide (H2O2) by ozymes of this er specificity. This er in human), is oxide. d proliferation in amino acid ich normally in a conserved
ic ic ic ic

for the recognition of UGA as a Sec codon, rather than as a stop signal. Alternatively spliced

transcript variants have been found for this gene. [provided by RefSeq, Jul 2016]

Protein Families:

Protein Pathways:

Arachidonic acid metabolism, Glutathione metabolism

## **Product images:**



Druggable Genome

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