

## Recombinant Human Glutathione peroxidase 1(GPX1)



Catalog No: #AP73681

Package Size: #AP73681-1 10ug #AP73681-2 50ug #AP73681-3 100ug #AP73681-4 200ug #AP73681-5 500ug #AP73681-6 1mg

Orders: order@abscitech.com

Support: tech@abscitech.com

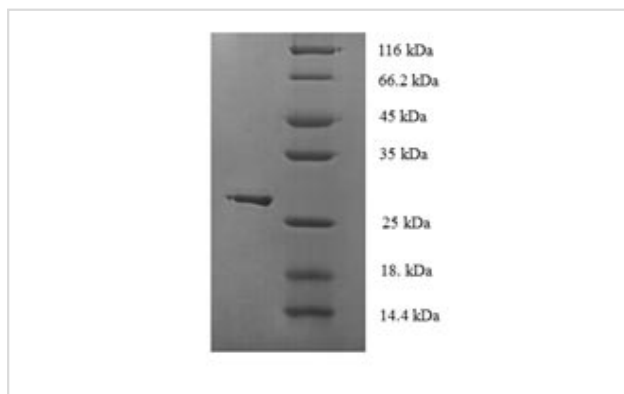
## Description

Product Name	Recombinant Human Glutathione peroxidase 1(GPX1)
Brief Description	Recombinant Protein
Host Species	E.coli
Target Name	GPX1
Other Names	Cellular glutathione peroxidase
Accession No.	Uniprot ID: P07203
Target Species	Hu
SDS-PAGE MW	31.34kDa
Target Length	Full Length,1-203aa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	MCAARLAAAAAAAAQSVYAFSARPLAGGEPVSLGSLRGKVLLENVASLUGTTVRDYTQMNELQRRLGPRGLV VLGFPCNQFGHQENAKNEEILNSLKYVRPGGGFEPNFMLEKCEVNGAGAHPLFAFLREALPAPSDDATALM TDPKLITWSPVCRNDVAWNFEKFLVGPDGVPLRRYSRRFQTIDIEPDIEALLSQGPSCA
Formulation	Tris-based buffer,50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself.  Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.

## Application Details

Greater than 90% as determined by SDS-PAGE.

## Images



## Background

Protects the hoglobin in erythrocytes from oxidative breakdown.

## References

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An enzyme assisted RP-RPLC approach for in-depth analysis of human liver phosphoproteome. Bian Y., Song C., Cheng K., Dong M., Wang F., Huang J., Sun D., Wang L., Ye M., Zou H.J. Proteomics 96:253-262(2014)

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.