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## Product Datasheet

### Recombinant Human GPX4 Protein, *E. coli* ABB-RP02834

Article Name	Recombinant Human GPX4 Protein, <i>E. coli</i>
Biozol Catalog Number	ABB-RP02834
Supplier Catalog Number	RP02834
Alternative Catalog Number	ABB-RP02834-100UG
Manufacturer	ABclonal
Host	<i>E. coli</i>
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Gly26-Phe197,U73C
Product Description	Recombinant Human GPX4 Protein is produced by <i>E. coli</i> expression system. The target protein is expressed with sequence (Gly26-Phe197,U73C) of human GPX4 (Accession NP_002076.2) fused with a 6*His tag at the N-terminus....
Concentration	< 1 EU/μg of the protein by LAL method.
Molecular Weight	20.59 kDa
Tag	N-His
NCBI	<a href="#">2879</a>
UniProt	<a href="#">P36969</a>
Source	<i>E. coli</i>

Purity	95 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of 150MM NaCl, 50mM Tris, pH 8.0.
Sequence	GTMCASRDDWRCARSMHEFSAKDIDGHMVNLKYRGFVCIVTNVASQCGK TEVNYTQLVDLHARYAECGLRILAFPCNQFGKQEPGSNEEIKEFAAGYNVKFD MFSKICVNGDDAHPLWKWMKIQPKGKGILGNAIKWNFTKFLIDKNGCVVKRY GPMEEPLVIEKDLPHYF
Target	GPX4
Application Dilute	Lyophilized from a 0.22 µm filtered solution of 150MM NaCl, 50mM Tris, pH 8.0.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles., ResearchArea: Other Recombinant Protein