

**GPX7, 20-187aa, Human, His tag, E.coli**

**Cat.NO.: TP02329**

3th Edition

**Synonyms:**Glutathione peroxidase 7, CL683, GPx-7, GPX6, GSHPx-7, NPGPx.

**Description:**GPX7, also known as glutathione peroxidase 7, belongs to the glutathione peroxidase family. Recombinant human GPX7 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

**Form:**Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.1M NaCl, 1mM DTT

**Molecular Weight:**21.8 kDa (193aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSHMQQEQDFYDFKAVNIRGKLVSLEKYRGSVSLVVNVASECGFTDQHYRAL  
QQLQRDLGPHHFNVLAFCPCNQFGQQEPDSNKEIESFARRTYSVSFPMFSKIAVTGTGAHPAFKYLAQTSGKEPTW  
NFWKYLVA PDGKVVGA WDPTVSVEEVRPQITALVRKLILLKREDL

**Purity:**> 95% by HPLC

**Concentration:**1 mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.