

Glutathione peroxidase 1 (GPXHA-1), Recombinant Protein

Cat RP16452

Size 0.02 mg (E-Coli)/0.1 mg (E-Coli)/0.02 mg (Yeast)/0.1 mg
(Yeast)/0.02 mg (Baculovirus)/0.02 mg (Mammalian-Cell)/1 mg

Species (E-Coli)/0.1 mg (Baculovirus)/1 mg (Yeast)/0.1 mg (Mammalian-Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)
Helianthus annuus (Common sunflower)

Full Product Name

Recombinant Helianthus annuus Glutathione peroxidase 1 (GPXHA-1)

Product Gene Name

GPXHA-1 recombinant protein

Purity

Greater or equal to 85% purity as determined by SDS-PAGE. (lot specific)

Sequence

MATQSKKTLT DFTVKDAKGN DVDLSVYKKG VLVIVNVASK CGLTNNSYDE LNQIYLKYKE KGFEILAFPC
NQFGQQEPGT NEEIVDFVCT KFKSEFPFD KIDVNGENAA PVYEFLKTGF YGILGGDIQW NFSKFLVDKN
GQPVDCYYPT TSPLTVERDI QKLLGLL

Sequence Positions

1-167, Full length protein

Format

Lyophilized or liquid (Format to be determined during the manufacturing process)

Host

E Coli or Yeast or Baculovirus or Mammalian Cell

Molecular Weight

18,842 Da

Storage

Store at -20°C. For long-term storage, store at -20°C or -80°C. Store working aliquots at 4°C for up to one week.
Repeated freezing and thawing is not recommended.

NCBI Accession

O23970.1

NCBI GI

3913794

NCBI Official Full Name

Glutathione peroxidase 1

UniProt Gene Name

GPXHA-1

UniProt Protein Name

Glutathione peroxidase 1

UniProt Primary Accession

O23970

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY

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UniProt Comments
(E-Coli)/0.1 mg (Baculovirus)/1 mg (Yeast)/0.1 mg (Mammalian-Cell)/1 mg (Baculovirus)/0.5 mg (Mammalian-Cell)

May constitute a glutathione peroxidase-like protective system against oxidative stresses.

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