

Recombinant GST Protein

Cat. No. GST-393 Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant GST Protein without tag was expressed in E. coli. |
| Source | E.coli |
| Description | Glutathione S-Transferase (GST), an antioxidant enzyme, is involved in the primary cellular defense mechanism against reactive oxygen species. GST is soluble in water and has a mass of 26.98 kDa. It occurs as a dimer in all aerobic organisms. |
| Form | Sterile Filtered White lyophilized (freeze-dried) powder. |
| Molecular Mass | 26.98kD |
| AA Sequence | MSPILGYWKIKGLVQPTRLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPY YIDGDVKLTQSMARIYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSR IAYSKD FE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDP MCLDA FPKLVCFKKRIEAI PQIDKYLKSSKYIAWPLQG WQATFGGGDHPKSDLVPRGSPGI HRD |
| Purity | This product is chromatographically purified and predominantly shows a single band during SDS-PAGE. |
| Storage | This product is lyophilized in 1 × PBS, and it remains stable for several weeks if stored at 4 centigrade. It may be stored it at -20 centigrade for longer periods. |
| Reconstitution | Add 1 ml of dH ₂ O to make the final concentration of 1 mg/ml in 1X PBS |

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GENE INFORMATION

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| Official Symbol | GST |
| Synonyms | GST; Glutathione S-Transferase |