

Recombinant GST Protein

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

SPECIFICATION

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 YIDGDVKLTQSMAIIRYIADKHNM LGGCPKERA EISMLEGAVLDIRYGVSR IAYSKDFE TLKVDFLSKLPEMLKMFEDRLCHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDA F PKLVCFKKR IEAIPQIDKYLKSSKYIAWPLQGWQATFGGGDHPPKSDLVPRGSPGI 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

Official Symbol	GST
Synonyms	GST; Glutathione S-Transferase

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