

**DATASHEET**

Version 2016-08-02

**Glutathione S-Transferase****Cat. No.:** Z02039-1**Size:** 1 mg**Synonyms:** GST;**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.

**Amino Acid Sequence:**

MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYERDEGDK  
WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN

MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV  
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD  
VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA  
WPLQGWQATF GGGDHPPKSD LVPRGSPGIH RD

**Source:** *E. coli***Molecular Weight:** 26.98kD**Reconstitution:** Add 1 ml of dH<sub>2</sub>O to make the final concentration of 1 mg/ml in 1X PBS**Purity:** This product is chromatographically purified and predominantly shows a single band during SDS-PAGE.**Storage:** This product is lyophilized in 1X PBS, and it remains stable for several weeks if stored at 4°C. It may be stored at -20°C for longer periods.

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