

Glutathione S-Transferase

Cat. No.: Z02039-1

Size: 1.0 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:

```
00001 MSPILGYWKI KGLVQPTRL L LEYLEEKYEE HLYRDEGDK
00041 WRNKKFELGL EFPNLPYYID GDVKLTQSMA IIRYIADKHN
00081 MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
00121 DFLSKLP EML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD
00161 VVLYMDPMCL DAFPKLVCFK KRIEAIQID KYLKSSKYIA
00201 WPLQG WQATF GGGDHPPKSD LVPRGSPGIH RD
```

Source: *E. coli*

Molecular Weight: 26.98kD

Reconstitution: Add 1 ml of dH₂O 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.