

PRODUCT DATA SHEET



Bioworld Technology, Inc.

Recombinant Glutathione S-Transferase

Catalog Number: BK0064-1mg

Source: Escherichia coli.

Quantity: 1mg

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.

Molecular Weight:

26.98kD

Purity:

This product is chromatographically purified and predominantly shows a single band during SDS-PAGE.

Biological Activity:

Physical Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Formulation:

AA Sequence:

MSPIL-
GYWKIKGLVQPTRLLEYLEEKYEEHLYERDE-

GDKWRNKKFELGLEFPNLPYYIDGDVKLTQS-
MAIIRYIADKHNMLGGCPKERAIEISMLEG-
AVLDIRYGVSRIAYSKDFETLKVDFLSKLPEM-
LKMFEEDRLCHKTYLNGDHVTHPDFMLYD-
LYD-
ALDVVLYMDPMCLDAFPKLVCFKKRIEAIPIQIDK
YLKSSKYIAWPLQGWAATFGGGDHPPKS-
DLVPRGSPGIHRD

Endotoxin:

Reconstitution:

Add 1 ml of dH₂O to make the final concentration of 1 mg/ml in 1X PBS

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.

Usage:

This material is offered by USA Bioworld biotech for research, laboratory or further evaluation purposes. For research use only.