

Recombinant Pan-species (General) GST Protein, N-GST-tagged

Cat. No. GST-2759P **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Pan-species (General) GST Protein (Met1-Lys218) with a N-GST tag was expressed in E. coli.
Species	Pan-species
Source	E.coli
ProteinLength	Met1-Lys218
Description	Glutathione S-transferases (GSTs) are multifunctional enzymes involved in the metabolism of a broad variety of xenobiotics and endogenous compounds (e.g., antibiotics, steroids, prostaglandins, and leukotrienes) and are abundant in the liver.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 25.8 kDa Accurate Molecular Mass: 26 kDa
Purity	> 95%
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

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

