GST Protein

DAG1663 GST

Lot. No. (See product label)

PRODUCT INFORMATION

Product overview	GST full-length ORF (AAB37352, 1 a.a. - 242 a.a.) protein.
Antigen Description	GST (Glutathione S-Transferase) is a 26kDa protein encoded by the parasitic helminth Schistosoma japonicum and widely used in the pGEX family of GST plasmid expression vectors as a fusion protein with foreign proteins
Source	wheat germ
Species	GST
Tag	N/A
Molecular Mass	26.4kDa
AA Sequence	MESPILGYWKIKGLVQPTRLLLEYLEEKYEEHLYERDEGDKWRNKKFELGLEFPNLPYYIDGDVKLTQ SMAIIRYIADKHNMLGGCPKERAEISMLEGAVLDIRYGVSRIAYSKDFETLKVDFLSKLPEMLKMFEDRL CHKTYLNGDHVTHPDFMLYDALDVVLYMDPMCLDAFPKLVCFKKRIEAIPQIDKYLKSSKYIAWPLQG WQATFGGGDHPPKSDLEVLFQGPLEDPGYRGRTSFV
Purity	Glutathione Sepharose 4 Fast Flow
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

PACKAGING

Storage	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

BACKGROUND

Introduction	Enzymes of the glutathione S-transferase (GST) family are composed of many cytosolic, mitochondrial, and microsomal (now designated as MAPEG) proteins. GSTs are present in eukaryotes and in prokaryotes, where they catalyze a variety of reactions and accept endogenous and xenobiotic substrates.
Keywords	Glutathione-S-transferase (GST), HRP-labeled; Glutathione S Transferase; Glutathione S transferase Mu 1; GST 26; GST class mu 1; GST1; GSTM1 1; GSTM1a 1a; GSTM1b 1b; GTH4; GTM1; H B; HB subunit 4; MGC26563; MU 1; MU; SJ26 antigen

REFERENCES

1. A Novel Interaction Between Interferon-Inducible Protein p56 and Ribosomal Protein L15 in Gastric Cancer Cells. Hsu YA, Lin HJ, Sheu JJ, Shieh FK, Chen SY, Lai CH, Tsai FJ, Wan L, Chen BH.DNA Cell Biol. 2011 May 25.
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