

Recombinant *Schistosoma japonicum* GST Protein, YFP-Labeled

Cat. No. GST-01S Lot. No. (See product label)

SPECIFICATION

Product Overview	Yellow Fluorescent Glutathione S-transferase, genetically labeled. GST is an antioxidant enzyme, which is often used to be expressed as a tag to separate and purify recombinant proteins by affinity chromatography via its high affinity for glutathione. GST fusion protein with yellow mutant of superfolder GFP-T203Y.
Species	Human
Source	E.coli
Description	Glutathione S-transferases (GSTs) form a family of eukaryotic and prokaryotic metabolic enzymes known for their ability to catalyze the conjugation of the reduced form of glutathione (GSH) to various substrates for the purpose of detoxification. It is often used as a tag for recombinant protein expression and purification.
Form	Liquid
Molecular Mass	54 kDa
Purity	> 95% by SDS PAGE
Applications	Recombinant protein expression, affinity chromatography.
Storage	At -80 centigrade

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Concentration	1 mg/mL
Storage Buffer	30mM Tris pH 8,2, 50mM NaCl, 40% glycerol. May contain traces of free glutathion. A version completely free of glutathion (GSH) with a free binding site available upon request.
Shipping	Gel pack

GENE INFORMATION

Official Symbol	GST
Synonyms	GST; Glutathione S-transferases

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