

Glutathione S-Transferase Active Protein | GST active protein

Recombinant Glutathione S-Transferase His Tag

CATALOG #
AAA38760

HOST
E Coli

PRODUCT SYNONYMS

Glutathione S-Transferase; Recombinant Glutathione S-Transferase His Tag; GST; His; Glutathione S-Transferase Recombinant; His Tag; Glutathione S-transferase class-mu 28 kDa isozyme; GST 28; EC 2.5.1.18; Sj28GST; Sj28 antigen; GST His; GST active protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	GST is supplied at a concentration of 1 mg/ml in PBS pH 7.4 & 10% glycerol.
Sequence	<u>MGSSHHH HHHSSGLVPR GSH</u> &nb sp;MSPILGY WKIKGLVQPT RLLLEYLEEK YEEHLYERDE GDKWRNKKFE LGLEFPNLPY YIDGDVKLTQ SMAIRYIAD KHNMLGGCPK ERAEISMLEG AVLDIRYGVS RIAYSKDFET LKVDFLSKLP EMLKMFEDRL CHKTYLNGDH VTHPDFMLYD ALDVVLYMDP MCLDAFPKLV CFKKRIEAI P QIDKYLKSSK YIAWPLQGWQ ATFGGGDHPP KSDLVPR
Sequence Length	206
Biological Activity	2.8-3.3 units/mg, & is defined as the amount of enzyme that conjugate 1.0 u mole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH-6.5 at 25C.
Preparation and Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid repeated multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for GST active protein	Description: Recombinant Schistosoma japonicum GST full length protein contains 244 amino acids(1-224 a.a.) expressed in E Coli, having a molecular mass of 28.3kDa. The GST protein is fused to 20 amino acid His-Tag at N-terminus. The GST protein is purified by proprietary chromatographic techniques.
Product Categories/Family for GST active protein	Enzymes ; Transferase

NCBI AND UNIPROT INFORMATION

NCBI GI #	121699
UniProt Accession #	P26624
NCBI Official Full Name	Glutathione S-transferase class-mu 28 kDa isozyme
UniProt Protein Name	Glutathione S-transferase class-mu 28 kDa isozyme
UniProt Gene Name	GST 28
UniProt Synonym Gene Names	GST 28
UniProt Entry Name	GST28_SCHJA

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/e-coli-gst-active-protein/glutathione-s-transferase/38760>