

## 32-2405: GSTK1 Recombinant Protein

**Alternative Name :** GST13,GST13-13,GSTK1-1,GST class-kappa,EC 2.5.1.18,Glutathione S-transferase kappa 1,Glutathione S-transferase subunit 13,hGSTK1,GSTK1.

### Description

Source : Escherichia Coli. GSTK1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 226 amino acids (1-226 a.a.) and having a molecular mass of 25.5 kDa. GSTK1 is purified by proprietary chromatographic techniques. GSTK1 is involved in cellular detoxification. GSTK1 is localized to the peroxisome and catalyzes the conjugation of the thiol group of glutathione (GSH) to the electrophilic groups of a broad range of hydrophobic substrates, leading to an easier removal of the latter from the cells.

### Product Info

**Amount :** 50 µg  
**Purification :** Greater than 90% as determined by SDS-PAGE.  
**Content :** GSTK1 solution containing 20mM Tris pH-8, 1mM DTT and 10% glycerol.  
**Storage condition :** 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 multiple freeze-thaw cycles.  
**Amino Acid :** MGPLPRTVEL FYDVLSPYSW LGFEILCRYQ NIWNINLQLR PSLITGIMKD SGNKPPGLLP RKGLYMANDL KLLRHHLQIP IHFPKDFLSV MLEKGSLSAM RFLTAVNLEH PEMLEKASRE LWMRVWSRNE DITEPQSILA AAEKAGMSAE QAQGLLEKIA TPKVKNQLKE TTEAACRYGA FGLPITVAHV DGQTHMLFGS DRMELLAHLL GEKWMGPIPP AVNARL.

