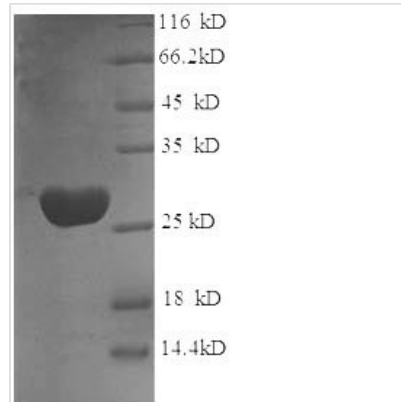




Recombinant Rat Glutathione S-transferase P (Gstp1)

Product Code	CSB-EP009989RA
Relevance	Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Regulates negatively CDK5 activity via p25/p35 translocation to prevent neurodegeneration .
Abbreviation	Recombinant Rat Gstp1 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P04906
Alias	Chain 7GST 7-7GST class-pi
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	PPYTIVYFPVRGRCEATRMLLADQGQSWKEEVVTIDVWLQGSCLKSTCLYGQL PKFEDGDLTLYQSNAILRHLGRSLGLYGKDQKEAALVDMVNDGVEDLRCKYG TLIYNTNYENKDDYVKALPGHLKPFETLLSQNQGGKAFIVGNQISFADYNLLDL LLVHQVLAPGCLDNFPLLSAYVARLSARPKIKAFLLSSPDHLNRPINGNGKQ
Research Area	Others
Source	E.coli
Target Names	Gstp1
Expression Region	2-210aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	27.3kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.