

Recombinant human Glutathione S-transferase P

Catalog No: #AP72109



Package Size: #AP72109-1 20ug #AP72109-2 100ug #AP72109-3 1mg

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Description

Product Name	Recombinant human Glutathione S-transferase P
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:2-210aaSequence Info:Full Length
Other Names	GST class-piGSTP1-1
Accession No.	P09211
Uniprot	P09211
GeneID	2950;
Calculated MW	50.2 kDa
Tag Info	N-terminal GST-tagged
Target Sequence	PPYTVVYFPVGRCAALRMLLADQQQSWKEEVTVETWQEGSLKASCLYGQLPKFQDGDLTLYQSNTILRHL GRTLGLYGKDQQEAALVDMVNDGVEDLRCKYISLIYTNYEAGKDDYVKALPGQLKPFETLLSQNQGKTFIVG DQISFADYNLLDLLLIHEVLAPGCLDAFPLLSAYVGRLSARPKLKAFLASPEYVNLPIGNGKQ
Formulation	Tris-based buffer50% glycerol
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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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.

References

Structure and expression of a human class pi glutathione S-transferase messenger RNA.Kano T., Sakai M., Muramatsu M.Cancer Res. 47:5626-5630(1987)Research Topic:Metabolism

Note: This product is for in vitro research use only