

Recombinant Mouse Glutathione S-transferase P 1(Gstp1)

Catalog No: #AP70367

Package Size: #AP70367-1 20ug #AP70367-2 100ug #AP70367-3 1mg

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Description

Product Name	Recombinant Mouse Glutathione S-transferase P 1(Gstp1)
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 YF-YFGST class-piGST-piBPreadipocyte growth factor
Accession No.	P19157
Calculated MW	39.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	PPYTIVYFPVGRGRCEAMRMLLADQGQSWKEEVVTIDTWMQGLLKPTCLYGQLPKFEDGDLTYQSNAILRHL GRSLGLYGKNQREAAQMDMVNDGVEDLRGKYVTLYTNYENGKNDYVKALPGHLKPFETLLSQNQGGKAFIV GDQISFADYNLLDLLLIHQVLAPGCLDNFPLLSAYVARLSARPKIKAFLLSPEHVNRPINGNGKQ
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. Can metabolize 1-chloro-2,4-dinitrobenzene. Regulates negatively CDK5 activity via p25,p35 translocation to prevent neurodegeneration .

References

SIRT5-mediated lysine desuccinylation impacts diverse metabolic pathways.Park J., Chen Y., Tishkoff D.X., Peng C., Tan M., Dai L., Xie Z., Zhang Y., Zwaans B.M., Skinner M.E., Lombard D.B., Zhao Y.Mol. Cell 50:919-930(2013)Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.