

## Glutathione S-Transferase Alpha 1 Mouse Recombinant

<b>Item Number</b>	rAP-2041
<b>Synonyms</b>	Glutathione S-transferase A1, GST class-alpha member 1, Glutathione S-transferase Ya , Glutathione S-transferase Ya1.
<b>Description</b>	GSTA1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 246 amino acids (1-223 a.a) and having a molecular mass of 28kDa.GSTA1 is fused to a 23 amino acid His-tag at N-terminus
<b>Uniprot Accesion Number</b>	P13745
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMAGKPV L HYFNARGRME CIRWLLAAAG VEFEEKFIQS PED-LEKLEKDD GNLMFDQVPM VEIDGMKLAQ TRAILNYIAT KYDLYGKDMK ERALIDMYSE GILDLTEMIG QLVLCPPDQR EAKTALAKDR TKNRYLP AFE KVLKSHGQDY LVGNRLTRVD IHLLEVLLYV EEFDASLLTP FPLLKAFKSR ISSLPNVKKF LQPGSQRKPP MDAKQIQEAR KAFKIQ.
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	Sterile Filtered colorless solution. 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.
<b>Formulation and Purity</b>	GSTA1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**