

Mouse GSTA1 Recombinant Protein



RPPB1757

Product Information Protein Information

Product SKU:

RPPB1757

Accession:

P13745

Host:

Escherichia Coli.

Protein description:

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 & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutathione S-transferase A1, GST class-alpha member 1, Glutathione S-transferase Ya , Glutathione S-transferase Ya1.

Formulation:

GSTA1 protein solution (1mg/ml) containing Phosphate buffered saline (pH7.4), 10% glycerol and 1mM DTT.

Purity:

Greater than 95.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHHH SGLVPRGSH MGSMAGKPVL HYFNAGRME CIRWLLAAAG VEFEEKFIQS PEDLEKLLKD
GNLMFDQVPM VEIDGMKLAQ TRAILNYIAT KYDLYGKDMK ERALIDMYSE GILDITEMIG QLVLCPPDQR
EAKTALAKDR TKNRYLPAFE KVLKSHGQDY LVGNRLTRVD IHLLEVLLYV EEFDASLLTP FPLLKAFKSR
ISSLPNVKKF LQPGSQRKPP MDAKQIQEAR KAFKIQ.

Biological Activity:

The specific activity is defined as the amount of enzyme that conjugate 1.0 pmole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25C and is > 4,000 pmol/min/ug.