

Mouse GSTP1 Recombinant Protein



RPPB1774

Product Information Protein Information

Product SKU:

RPPB1774

Accession:

P19157

Host:

Escherichia Coli.

Protein description:

GSTP1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 233 amino acids (1-210 a.a) and having a molecular mass of 26kDa. GSTP1 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 P 1, Gst P1, GST YF-YF, GST class-pi, GST-piB, Preadipocyte growth factor.

Formulation:

GSTP1 protein solution (1mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 90.0% 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 MGSMPPTIV YFPVRGRCEA MRMLLADQGG SWKEEVVITD TWMQGLLKPT
CLYGQLPKFE DGDLTLYQSN AILRHLGRSL GLYGKNQREA AQMDMVNDGV EDLRGKYVTL IYTNYENGKN
DYVKALPGHL KPFTLLSQN QGGKAFIVGD QISFADYNLL DLLLIHQVLA PGCLDNFPLL SAYVARLSAR
PKIKAFLLSP EHVNRPINGN GKQ.

Biological Activity:

Specific activity is > 40 units/mg, and is defined as the amount of enzyme that conjugate 1.0 umole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25C.