

RPPB1773

Product Information Protein Information

Product SKU:

RPPB1773

Accession:

P09211

Host:

Escherichia Coli.

Protein description:

GSTP1 Human Recombinant fused with 36 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 246 amino acids (1-210 a.a.) And having a molecular mass of 27.4kDa. The GSTP1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutathione S-transferase P, GST class-pi, GSTP1-1, GSTP1, FAES3, GST3, PI, DFN7.

Formulation:

The GSTP1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH7.0), 30% glycerol, 1mM EDTA and 0.1mM PMSF.

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:

MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSMPY TVVYFPVRGR CAALRMLLAD
QGQSWKEEVV TVETWQEGSL KASCLYGQLP KFQDGLTLY QSNTILRHLG RTLGLYGKDQ QEALVDMVN
DGVEDLRCKY ISLIYTNYEA GKDDYVKALP GQLKPFETLL SQNQGGKTFI VGDQISFADY NLLDLLLIHE
VLAPGCLDAF PLLSAYVGR L SARPCLKAFL ASPEYVNLPI NGNGKQ.

Biological Activity:

Specific activity is > 80 units/mg, and is defined as the amount of enzyme that conjugate 1.0 u mole of 1-chloro-2,4-dinitrobenzene (CDNB) with reduced glutathione per minute at pH 6.5 at 25°C.