

RPPB1756

Product Information Protein Information

Product SKU:

RPPB1756

Accession:

P08263

Host:

Escherichia Coli.

Protein description:

GSTA1 Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 222 amino acids (1-222 a.a.) and having a molecular mass of 25.6 kDa. The GSTA1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

GST2, GSTA1-1, GTH1, GSTA-1, GSTAI, GSTA-I, EC 2.5.1.18, Glutathione S-transferase A1, GST HA subunit 1, GST-epsilon, GST class-alpha member 1, GSTA1, MGC131939.

Formulation:

The GSTA1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT 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:

MAEKPKLHYF NARGRMESTR WLLAAAGVEF EEKFIKSAED LDKLRNDGYL MFQQVPMVEI DGMKLVQTRA
ILNYIASKYN LYGKDIKERA LIDMYIEGIA DLGEMILLLP VCPPEEKDAK LALIKEKIKN RYFPAFEKVL
KSHGQDYLVG NKLSRADIHL VELLYYVEEL DSSLISSFPL LKALKTRISN LPTVKKFLQP GSPRKPPMDE
KSLEEARKIF RF.

Biological Activity:

Specific activity is 35,000 pmol/min/ug, 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.