

Human GSTA4 Recombinant Protein



RPPB1759

Product Information Protein Information

Product SKU:

RPPB1759

Accession:

O15217

Host:

Escherichia Coli.

Protein description:

GSTA4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 246 amino acids (1-222) and having a molecular mass of 28.3kDa. GSTA4 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

Glutathione S-transferase A4, GST class-alpha member 4, Glutathione S-transferase A4-4, GSTA4, GSTA4-4.

Formulation:

The GSTA4 solution (1mg/ml) contains 20mM Tris-HCl buffer, pH8.0, 20% glycerol, 2mM DTT and 100mM NaCl.

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 MGSMAARPK LHYPNGRGRM ESRWVLAAL GVEFDEEFLE TKEQLYKLQD
GNHLLFQQVP MVEIDGMKLV QTRSILHYIA DKHNLFGKNL KERTLIDMYV EGTLDLLELL IMHPFLKPDD
QQKEVNMAQ KAIRYFPVF EKILRGHGQS FLVGNQLSLA DVILLQTLA LEEKIPNILS AFPFLQEYTV
KLSNIPTIKR FLEPGSKKKP PPDEIYVRTV YNIFRP.

Biological Activity:

Specific activity is > 4,000 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 25C.