

Glutathione S-Transferase MU 4 Human Recombinant

Item Number rAP-1987

Synonyms Glutathione S-transferase Mu 4, EC=2.5.1.18, GST class-mu 4, GST-Mu2, GSTM4-4, GSTM4, GTM4, GSTM4-4, MGC9247, MGC131945.

Description GSTM4 Recombinant Human produced in E.Coli is a single, non-glycosylated polypeptide chain containing 238 amino acids (1-218 a.a.) and having a molecular mass of 27.7 kDa. The GSTM4 is fused to a 20 amino acids His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Uniprot Accesion Number Q03013

Amino Acid Sequence MGSSHHHHHH SSGLVPRGSH MSMTLGYWDI RGLAHAIRLL LEYTDSSYEE KKYTMGDAPD YDRSQWLNEK FKLGLDFPNL PYLIDGAHKI TQSNAILCYI ARKHNLCGET EEEKIRVDIL ENQAMDVSNQ LARVCYSPDF EKLKPEYLEE LPTMMQHFSQ FLGKRPWFVG DKITFVDFLA YDVLDLHRIF EP- NCLDAFPN LKDFISRFEG LEKISAYMKS SRFLPKPLYT RVAVWGNK.

Source Escherichia Coli.

Physical Appearance and Stability Sterile filtered colorless solution. 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.

Formulation and Purity GSTM4 Human solution containing 20mM Tris-HCl pH-8, 1mM DTT, 0.05M NaCl & 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.

Application

Solubility

Biological Activity

Shipping Format and Condition Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**