

Mouse GSTM1 Recombinant Protein



RPPB1763

Product Information Protein Information

Product SKU:

RPPB1763

Accession:

P10649

Host:

Escherichia Coli.

Protein description:

GSTM1 Mouse Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 218 amino acids and having a molecular mass of 25.9 kDa. The GSTM1 is purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

GST1, GTH4, GTM1, GSTM1-1, MGC26563, GSTM1a-1a, GSTM1b-1b, GSTM1, Glutathione S-transferase Mu 1, GST class-mu 1, Glutathione S-transferase GT8.7, pmGT10, GST 1-1.

Formulation:

The GSTM1 solution contains PBS pH-7.4 & 5mM glutathione.

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:

MPMILGYWNV RGLTHPIRML LEYTDSSYDE KRYTMGDAPD FDRSQLNEK FKLGLDFPNL PYLIDGSHKI
TQSNAILRYL ARKHHLGGET EEERIRADIV ENQVMDTRMQ LIMLCYNPDF EKQKPEFLKT IPEKMKLYSE
FLGKRPFWAG DKVTYVDFLA YDILDQYRMF EPKCLDAFPN LRDFLARFEG LKKISAYMKS SRYIATPIFS
KMAHWSNK.

Biological Activity:

Specific activity is 3 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.