

# Human GSTM2 Recombinant Protein



RPPB1765

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## Product Information    Protein Information

**Product SKU:**

RPPB1765

**Accession:**

P28161

**Host:**

Escherichia Coli.

**Protein description:**

GSTM2 Human Recombinant fused with a 20 amino acid His tag at N-terminus 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 27.9kDa. The GSTM2 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered colorless solution.

**Synonyms:**

Glutathione S-transferase Mu 2, GST class-mu 2, GSTM2-2, GSTM2, GST4, GSTM, GTHMUS, MGC117303.

**Formulation:**

The GSTM2 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.1M NaCl and 1mM DTT.

**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 MPMTLGYWNI RGLAHSIRLL LEYDSSYEE KKYTMGDAPD YDRSQWLNEK  
FKLGLDFPNL PYLIDGTHKI TQSNAILRYI ARKHNLGEGS EKEQIREDEL ENQFMDSRMQ LAKLCYDPDF  
EKLKPEYLQA LPEMLKLYSQ FLGKQPWFLG DKITFVDFIA YDVLERNQVF EPSCLDAFPN LKDFISRFEG  
LEKISAYMKS SRFLPRPVFT KMAVWGNK.

**Biological Activity:**

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