

Human GSTM3 Recombinant Protein



RPPB1766

Product Information Protein Information

Product SKU:

RPPB1766

Accession:

P21266

Host:

E.coli.

Protein description:

GSTM3 Recombinant produced in E. coli is a single polypeptide chain containing 249 amino acids (1-225) and having a molecular mass of 29.1kDa. GSTM3 is fused to a 24 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered colorless solution.

Synonyms:

Glutathione S-transferase mu 3 (brain), GST5, GSTM3-3, GST class-mu 3, GSTB, GTM3, brain type mu-glutathione S-transferase, glutathione S-aralkyltransferase M3, glutathione S-alkyltransferase M3, S-(hydroxyalkyl)glutathione lyase M3, EC 2.5.1.18.

Formulation:

The GSTM3 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol.

Purity:

Greater than 95% 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 SSGLVPRGSH MGSHMSCCESS MVLGYWDIRG LAHAIRLLLE FTDTSYEEKR YTCGEAPDYD
RSQWLDVKFK LDLDFPNLPY LLDGKNKITQ SNAILRYIAR KHNMCGETEE EKIRVDIEN QVMDFRTQLI
RLCYSSDHEK LKPQYLEELP GQLKQFSMFL GKFSWFAGEK LTFVDFLTYD ILDQNRIFDP KCLDEFPNLK
AFMCRFEALE KIAAYLQSDQ FCKMPINNKM AQWGNKPVC