

Glutathione S-Transferase M1 Human Recombinant

Item Number	rAP-2030
Synonyms	GST1, GSTM1-1, GSTM1a-1a, GSTM1b-1b, GTH4, GTM1, H-B, MU, MU-1, GST HB subunit 4, GST class-mu 1.
Description	GSTM1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 203 amino acids (1-181 a.a) and having a molecular mass of 23.6kDa.GSTM1 is fused to a 22 amino acid His-tag at N-terminus
Uniprot Accesion Number	P09488
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH RSMPMILGYW DIRGLAHAIR LLEYPDSSY EEKKYTMGDA PDYDRSQWLN EKFKLGLDFP NLPYLIDGAH KITQSNAILC YIARKHNLCG ETEEEKIRVD ILENQTMDSH MQLGMICYNP EFEKLPKPKYL EELPEKPKLY SEFLGKRPWF AGNKGLEKIS AYMKSSRFLP RPFVSKMAVW GNK.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear 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	GSTM1 protein solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% 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**