

Glutathione S-Transferase Theta-1 Human Recombinant

Item Number	rAP-1973
Synonyms	Glutathione S-transferase theta-1, GST class-theta-1, Glutathione transferase T1-1, GSTT1.
Description	GSTT1 Human Recombinant fused with 37 amino acid His tag at N-terminus produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 277 amino acids (1-240 a.a.) and having a molecular mass of 31.5kDa. The GSTT1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P30711
Amino Acid Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMGL ELYLDLLSQP CRAVYIFAKK NDIPFELRIV DLIKGQHLSL ACAQVNPLKK VPALKDGDFT LTESVAILLY LTRKYKVPDY WYPQDLQARA RVDEYLAWQH TTLRRSCLRA LWHKVMFPVF LGEPVSPQTL AATLAELDVT LQLEDKFLQ NKAFLTGPHI SLADLVAITE LMHPVGAGCQ VFEGRPKLAT WRQRVEAAVG EDLFQEAHEV ILKAKDFP- PA DPTIKQKLMP WVLAMIR.
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	The GSTT1 solution contains 20mM Tris-HCl buffer (pH 8.0) and 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**