

Glutathione S-Transferase Theta-2 Human Recombinant

Item Number	rAP-1999
Synonyms	Glutathione S-transferase theta 2, GST class-theta-2, GSTT2B, Glutathione S-transferase theta-2B, EC 2.5.1.18.
Description	GSTT2 Recombinant produced in <i>E. coli</i> is a single polypeptide chain containing 264 amino acids (1-244) and having a molecular mass of 29.6kDa. GSTT2 is fused to a 20 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P0CG29
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGLELFLDLV SQPSRAVYIF AKKNGIPELEL RTVDLVKGQH KSKEFLQINS LGKLPTLKDQ DFILTESSAI LIYLSCKYQT PDHWYPSDLQ ARARVHEYLG WHADCIRGTF GIPLWVQVLG PLIGVQVPEE KVERNRTAMD QALQWLEDKF LGDRPFLAGQ QVTLADLMAL EELMQPVALG YELFEGRPRL AAWRGRVEAF LGAELCQEAH SIILSILEQA AKKTLPTPSP EAYQAMLLRI ARIP
Source	<i>E. coli</i> .
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 GSTT2 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 100mM NaCl, 1mM DTT and 10% glycerol. Greater than 95% 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**