

Glutathione Transferase Zeta 1 Human Recombinant

Item Number	rAP-1989
Synonyms	MAAI, GSTZ-1, MAI, Maleylacetone Isomerase, EC 2.5.1.18, Maleylacetoacetate isomerase, Glutathione S-transferase zeta 1, EC 5.2.1.2, GSTZ1-1, MGC2029, GSTZ1.
Description	GSTZ1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (1-216 a.a.) and having a molecular mass of 26.2 kDa. The GSTZ1 is fused to a 20 amino acid His-Tag at N-terminus and purified by conventional chromatography.
Uniprot Accesion Number	O43708
Amino Acid Sequence	MGSSHHHHH SSSLVPRGSH MQAGKPILYS YFRSSCSWRV RIALALKGID YETVPINLIK DGGQQF-SKDF QALNPMKQVP TLKIDGITH QSLAIIEYLE ETRPTPRLLP QDPKKRASVR MISDLIAGGI QPLQNLSVLK QVGEEMQLTW AQNAITCGFN ALEQILQSTA GIYCVGDEV T MADLCLVPQV ANAER-FKVDL TPYPTISSIN KRLLVLEAFQ VSHPCRQPD T PTELRA.
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 GSTZ1 protein solution contains 1x PBS pH-7.4 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**