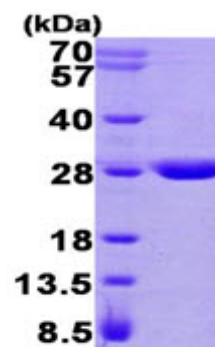


AR09390PU-N

Human Maleylacetoacetate isomerase / GSTZ1 (1-216, His-tag) - Purified

Alternate names:	GSTZ-1, GSTZ1-1, Glutathione S-transferase zeta 1, MAAI
Quantity:	0.1 mg
Concentration:	1.0 mg/ml (determined by Bradford assay)
Background:	GSTZ1, also known as maleylacetoacetate isomerase, is an enzyme that belongs to glutathione S-transferase (GSTs) super-family. This enzyme acts by catalyzing the reaction of glutathione with an acceptor molecule to form an S-substituted glutathione (S=sulfur). The reactions utilizing glutathione contribute the transformation of a wide variety of electrophiles, including reactive products of lipid, protein, carcinogens, therapeutic drugs, environmental toxins, and products of oxidative stress. It also plays a significant role in the catabolism of phenylalanine and tyrosine.
Uniprot ID:	O43708
NCBI:	AAC33591
GeneID:	2954
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >95% by SDS - PAGE Buffer System: PBS, pH 7.4, containing 10% glycerol
Description:	Recombinant GSTZ1 protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques. AA Sequence: MGSSHHHHH SSGLVPRGSH MQAGKPILYS YFRSSCSWRV RIALALKGID YETVPINLIK DGGQQFSKDF QALNPMKQVP TLKIDGITH QSLAIIIEYLE ETRTPRLLP QDPKKRASVR MISDLIAGGI QPLQNLSVLK QVGEEMQLTW AQNAITCGFN ALEQILQSTA GIYCVGDEV MADLCLVPQV ANAERFKVDL TPYPTISSIN KRLLVLEAFQ VSHPCRQPDPT PTELRA Molecular weight: 26.2 kDa (236 aa)
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

Pictures:



15% SDS-PAGE (3ug)

Recombinant human GSTZ1, 1-216 aa, His-tagged: 15% SDS-PAGE (3 μ g)

