

Glutathione S-Transferase Omega 1 Mutant Human Recombinant

Item Number	rAP-1976
Synonyms	Glutathione S-transferase omega-1, GSTO 1-1, GSTO1, GSTTLP28, P28, DKFZp686H13163.
Description	Several polymorphisms in the coding regions of the human GSTO1 have been identified. A polymorphism causing an alanine-to-aspartate (A140D) substitution in amino acid 140 produces a variant with lowered enzyme activities in the arsenic biotransformation. GSTO1 Variant Human Recombinant produced in E.Coli
Uniprot Accession Number	P78417
Amino Acid Sequence	
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. Please avoid freeze thaw cycles.
Formulation and Purity	GSTO1 protein is supplied in 1x PBS and 50% 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**