

Product Data Sheet

Recombinant Human GSTO1 Protein

Catalog #	Source	Reactivity	Applications
CST1468	E. coli	H	
Description	Recombinant Human GSTO1 Protein is produced by E. coli expression system and the target gene encoding Lys11-Leu230 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	GSTO1		
Alternative Names	GSTTLP28; Glutathione S-transferase omega-1; GSTO-1; Glutathione S-transferase omega 1-1; GSTO 1-1; Glutathione-dependent dehydroascorbate reductase; Monomethylarsonic acid reductase; MMA(V) reductase; S-(Phenacyl)glutathione reductase; SPG-R		
Entrez Gene	9446		
SwissProt	P78417		
Purity			
Chemical Structure	KGSAPPGPVP EGSIRIYSMR FCPFAERTRL VLKAKGIRHE VININLKNKP EWFFKKNPFG LVPVLENSQG QLIYESAITC EYLDEAYPGK KLLPDDPYEK ACQKMILELF SKVPSLVGSF IRSQNKEDYA GLKEEFRKEF TKLEEVLTNK KTTFFGGNSI SMIDYLIWPW FERLEAMKLN ECVDHTPKLK LWMAAMKEDP TVSALLTSEK DWQGFLELYL		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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