

Recombinant Human GSTP1 Protein, C-Myc/DDK-tagged

Product Information

Cat	IMP-7603
Official Symbol	GSTP1
Product Overview	Recombinant protein of human glutathione S-transferase pi 1 (GSTP1) with a C-Myc/DDK tag was expressed in HEK293T.
Description	Glutathione S-transferases (GSTs) are a family of enzymes that play an important role in detoxification by catalyzing the conjugation of many hydrophobic and electrophilic compounds with reduced glutathione. Based on their biochemical, immunologic, and structural properties, the soluble GSTs are categorized into 4 main classes: alpha, mu, pi, and theta. This GST family member is a polymorphic gene encoding active, functionally different GSTP1 variant proteins that are thought to function in xenobiotic metabolism and play a role in susceptibility to cancer, and other diseases.
Expression System	HEK293T
Species	Human
Tag	C-Myc/DDK
Form	25mM Tris.HCl, pH 7.3, 100mM glycine, 10% glycerol
Molecular Mass	23.2 kDa
AA Sequence	MPPYTVVYFPVRGRCAALRMLLADQGQSWKEEVVTVETWQEGSLKASC LYGQLPKFQDGLTLYQSNTILRHLGRTLGLYGKDQQEAALVDMVNDGV EDLRCKYVSLIYTNYEAGKDDYVKALPGQLKPFETLLSQNQGGKTFIVGD QISFADYNLLDLLLIHEVLAPGCLDAFPLLSAYVGRLSARPKLKAFLASPEY VNLPIGNGKQTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Storage	Store at -80 centigrade. Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	> 50 µg/mL as determined by microplate BCA method.
SDS-PAGE	

