**Human Glutathione S-transferase theta-1 (a.a.2–240)**

**Swiss-Prot #** P30711

**Protein names** Glutathione S-transferase theta-1 (EC 2.5.1.18) (GST class-theta-1) (Glutathione transferase T1-1)

**Gene names** GSTT1

**Organism** Human

### Codon optimized cDNA Clone

**cDNA Cat#** PEP-0499

**Description** Applications: 1. Codon-optimized cDNA sequence designed for recombinant protein production in both E.coli and Mammalian cell. The cDNA has been cloned into E.coli expression vector with 6x Histidine at N-terminus. 2. May be used as RNAi assistance to restore the loss-of-function.

**Tag** A 6x histidine tag

**Formulation** Liquid

**Storage** -20° to -70° C. Avoid repeated freeze-thaw cycles.

**Recombinant Protein**

**Protein Cat#** PE-0499

**Source** Recombinant protein derived from E.coli. Or plant cell

**Tag** A 6x histidine tag

**Formulation** Liquid

**Purity** > 90%, as determined by SDS-PAGE under reducing conditions

**Activity** N/A

**Applications** Western Blot, ELISA or may be used for other applications determined by user

**Storage** -20° to -70° C. Avoid repeated freeze-thaw cycles.

**Sequence**

MGLEYLDDLSQPCEFVKFDLPLRCLVDDLIRGQLSADQPVNPLPVLKDPKGDFTLIESVAILLYRLKYNVRDLYFDIQRARVDEYLMQHTTLRSCRAKALMKNFVPFLGFVPSQTLAATLAELEDVLQLLEDFKFNKAFLEGHPHSLADDVAITELMHPGAQCQVFEGSKPKLATWRQRVEAWAVGDLPQEAHEVIKLAKDFPADDPSIKQRKLMRWILAMIR

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**Recombinant-GSTT1-Human-GSTT1-Protein-GSTT1-cDNA-GSTT1**

Recombinant protein, codon, optimized, cDNA, P30711, Human, GSTT1, Glutathione S-transferase, theta-1, GST class-theta-1, Glutathione transferase, T1-1.

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