

Recombinant Human GSTK1, GST-tagged

Cat. No. GSTK1-13574H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human GSTK1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | 1-226a.a. |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| Gene Name | GSTK1 glutathione S-transferase kappa 1 [Homo sapiens] |
| Official Symbol | GSTK1 |
| Synonyms | GSTK1; glutathione S-transferase kappa 1; GST13; GST class-kappa; glutathione S-transferase k1; glutathione S-transferase subunit 13 homolog; GST; hGSTK1; GSTK1-1; GST13-13; GST 13-13; |

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| Gene ID | 373156 |
| mRNA Refseq | NM_001143679 |
| Protein Refseq | NP_001137151 |
| MIM | 602321 |
| UniProt ID | Q9Y2Q3 |
| Chromosome Location | 7q34 |
| Pathway | Drug metabolism - cytochrome P450, organism-specific biosystem; Drug metabolism - cytochrome P450, conserved biosystem; Glutathione metabolism, organism-specific biosystem; Glutathione metabolism, conserved biosystem; Metabolism of xenobiotics by cytochrome P450, organism-specific biosystem; Metabolism of xenobiotics by cytochrome P450, conserved biosystem; Peroxisome, organism-specific biosystem; |
| Function | glutathione transferase activity; protein disulfide oxidoreductase activity; transferase activity; |

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