

## Recombinant Human GSTK1, MYC/DDK-Tagged

Cat. No. GSTK1-527H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human GSTK1, transcript variant 1, fused with C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a member of the kappa class of the glutathione transferase superfamily of enzymes that function in cellular detoxification. The encoded protein is localized to the peroxisome and catalyzes the conjugation of glutathione to a wide range of hydrophobic substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	25.3 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

**Gene Name** GSTK1 glutathione S-transferase kappa 1 [ Homo sapiens ]

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<b>Official Symbol</b>	GSTK1
<b>Synonyms</b>	GST; GST13; hGSTK1; GSTK1-1; GST13-13; GST 13-13; glutathione S-transferase kappa 1; GST class-kappa; glutathione S-transferase k1; glutathione S-transferase subunit 13 homolog
<b>Gene ID</b>	<a href="#">373156</a>
<b>mRNA Refseq</b>	<a href="#">NM_015917</a>
<b>Protein Refseq</b>	<a href="#">NP_057001</a>
<b>MIM</b>	<a href="#">602321</a>
<b>UniProt ID</b>	Q9Y2Q3
<b>Chromosome Location</b>	7q34
<b>Pathway</b>	Chemical carcinogenesis, organism-specific biosystem; Drug metabolism - cytochrome P450, organism-specific biosystem; Glutathione metabolism, conserved biosystem
<b>Function</b>	glutathione peroxidase activity; protein binding; protein disulfide oxidoreductase activity

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