Recombinant Mouse Gstk1 protein, His/T7-tagged

Cat. No. Gstk1-35M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Gstk1(1-223aa) fused with His/T7 tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1-223 a.a.
Description	GSTK1 is 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 substates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.
Form	Lyophilized from PBS, pH 7.4, 5% trehalose, 0.01% sarcosyl
Molecular Mass	27.0 kDa
Purity	Greater than 95%
Storage	Store at +4 centigrade for up to 1 month, or aliquot and store at -80 centigrade for up to 12 months. Avoid repeat freeze-thaw cycles.

GENE INFORMATION

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Gene Name	Gstk1 glutathione S-transferase kappa 1 [Mus musculus]
Official Symbol	Gstk1
Synonyms	GSTK1; glutathione S-transferase kappa 1; mGSTK1; GSTK1-1; GST 13-13; GST class-kappa; glutathione S-transferase subunit 13; glutathione S-transferase class kappa; DsbA-L; AW260476; 0610025I19Rik;
Gene ID	76263
mRNA Refseq	NM_029555
Protein Refseq	NP_083831
MIM	
UniProt ID	
Chromosome Location	6; 6 B2.1
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 peroxidase activity; glutathione transferase activity; protein disulfide oxidoreductase activity; transferase activity;

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