Recombinant Full Length Human GSTK1 Protein, GST-tagged

Cat. No. GSTK1-3346HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human GSTK1 full-length ORF (AAH01231.1, 1 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	226 amino acids
Description	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 substates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants
Molecular Mass	50.60 kDa
AA Sequence	MGPLPRTVELFYDVLSPYSWLGFEILCRYQNIWNINLQLRPSLITGIMKDSGNKPPGL LPRKGLYMANDLKLLRHHLQIPIHFPKDFLSVMLEKGSLSAMRFLTAVNLEHPEMLEK ASRELWMRVWSRNEDITEPQSILAAAEKAGMSAEQAQGLLEKIATPKVKNQLKETTE AACRYGAFGLPITVAHVDGQTHMLFGSDRMELLAHLLGEKWMGPIPPAVNARL
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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	Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

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;
Gene ID	373156
mRNA Refseq	NM_001143679
Protein Refseq	NP_001137151
MIM	602321
UniProt ID	Q9Y2Q3

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