

Recombinant Human GSTK1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. GSTK1-1162H Lot. No. (See product label)

SPECIFICATION

Product Overview	GSTK1 MS Standard C13 and N15-labeled recombinant protein (NP_001137153) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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 substrates facilitating the removal of these compounds from cells. Alternative splicing results in multiple transcript variants.
Molecular Mass	20.4 kDa
AA Sequence	MGPLPRTVELFYDVLSPYSWLGFEILCRYQNIWNINLQLRPSLITGIMKDSGSLSAMR FLTAVNLEHPEMLEKASRELWMRVWSRNEDITEPQSILAAAEKAGMSAEQAQGLLE KIATPKVKNQLKETTEAACRYGAFGLPITVAHVVDGQTHMLFGSDRMELLAHLLGEKW MGPIPPAVNARLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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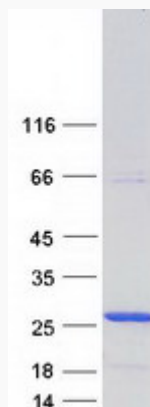
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	GSTK1 glutathione S-transferase kappa 1 [Homo sapiens (human)]
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_001143681
Protein Refseq	NP_001137153
MIM	602321
UniProt ID	Q9Y2Q3

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SDS-PAGE

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