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GSTK1 Blocking Peptide (N-term)

Synthetic peptide
Catalog # BP21627a

Specification

GSTK1 Blocking Peptide (N-term) - Product Information

Primary Accession Q9Y2Q3

GSTK1 Blocking Peptide (N-term) - Additional Information

Gene ID 373156

Other Names
Glutathione S-transferase kappa 1, GST 13-13, GST class-kappa, GSTK1-1, hGSTK1, Glutathione S-transferase subunit 13, GSTK1

Target/Specificity
The synthetic peptide sequence is selected from aa 49-62 of HUMAN GSTK1

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GSTK1 Blocking Peptide (N-term) - Protein Information

Name GSTK1

Function
Glutathione S-transferase that catalyzes the conjugation of glutathione to exogenous and endogenous compounds (PubMed:14709161, PubMed:14742434). Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB) (PubMed:14709161).

Cellular Location
Peroxisome.

Tissue Location
Ubiquitous..

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GSTK1 Blocking Peptide (N-term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

GSTK1 Blocking Peptide (N-term) - Images

GSTK1 Blocking Peptide (N-term) - Background

Significant glutathione conjugating activity is found only with the model substrate, 1-chloro-2,4-dinitrobenzene (CDNB).

GSTK1 Blocking Peptide (N-term) - References

Robinson A.,et al.Biochem. J. 379:541-552(2004).
Morel F.,et al.J. Biol. Chem. 279:16246-16253(2004).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Zhao Z.,et al.Submitted (MAY-1998) to the EMBL/GenBank/DDBJ databases.
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