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GSTT1 Blocking Peptide (C-term)

Synthetic peptide
Catalog # BP21534b

Specification

GSTT1 Blocking Peptide (C-term) - Product Information

Primary Accession P30711

GSTT1 Blocking Peptide (C-term) - Additional Information

Gene ID 2952

Other Names
Glutathione S-transferase theta-1, GST class-theta-1, Glutathione transferase T1-1, GSTT1

Target/Specificity
The synthetic peptide sequence is selected from aa 216-230 of HUMAN GSTT1

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.

GSTT1 Blocking Peptide (C-term) - Protein Information

Name GSTT1

Function
Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Acts on 1,2-epoxy- 3-(4-nitrophenoxy)propane, phenethylisothiocyanate 4-nitrobenzyl chloride and 4-nitrophenethyl bromide. Displays glutathione peroxidase activity with cumene hydroperoxide.

Cellular Location
Cytoplasm.

Tissue Location
Found in erythrocyte. Expressed at low levels in liver. In lung, expressed at low levels in club cells and ciliated cells at the alveolar/bronchiolar junction. Absent from epithelial cells of larger bronchioles.

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GSTT1 Blocking Peptide (C-term) - Protocols

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

- Blocking Peptides

GSTT1 Blocking Peptide (C-term) - Images

GSTT1 Blocking Peptide (C-term) - Background

Conjugation of reduced glutathione to a wide number of exogenous and endogenous hydrophobic electrophiles. Acts on 1,2- epoxy-3-(4-nitrophenoxy)propane, phenethylisothiocyanate 4-nitrobenzyl chloride and 4-nitrophenethyl bromide. Displays glutathione peroxidase activity with cumene hydroperoxide.

GSTT1 Blocking Peptide (C-term) - References

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Jemth P.,et al.Arch. Biochem. Biophys. 348:247-254(1997).
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