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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GSTT1 (Human) Recombinant Protein (P01)

Catalog Number: H00002952-P01

Regulation Status: For research use only (RUO)

Product Description: Human GSTT1 full-length ORF (AAH07065, 1 a.a. - 240 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

```
MGLELYLDLLSQPCRAVYIFAKKNDIPFELRIVDLIKGQ
HLSDACAQVNPLKKVPALKDGDFTLTESVAILLYLTRK
YKVPDYWYPQDLQARARVDEYLAWQHTTLRRSCLRA
LWHKVMFPVFLGEPVSPQTLAATLAELDVTLQLLEDKF
LQNKAFLTGPHISLADLVAITELMHPVGAGCQVFEGRP
KLATWRQRVEAAVGEDLFQEAHEVILKAKDFPPADPTI
KQKLMPWVLAMIR
```

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 52.14

Applications: AP, Array, ELISA, WB-Re

(See our web site product page for detailed applications information)

Protocols: See our web site at

<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 2952

Gene Symbol: GSTT1

Gene Alias: -

Gene Summary: Glutathione S-transferase (GST) theta

1 (GSTT1) is a member of a superfamily of proteins that catalyze the conjugation of reduced glutathione to a variety of electrophilic and hydrophobic compounds. Human GSTs can be divided into five main classes: alpha, mu, pi, theta, and zeta. The theta class includes GSTT1 and GSTT2. The GSTT1 and GSTT2 share 55% amino acid sequence identity and both of them were claimed to have an important role in human carcinogenesis. The GSTT1 gene is located approximately 50kb away from the GSTT2 gene. The GSTT1 and GSTT2 genes have a similar structure, being composed of five exons with identical exon/intron boundaries. [provided by RefSeq]