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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GSTZ1 (Human) Recombinant Protein (P01)

Catalog Number: H00002954-P01

Regulation Status: For research use only (RUO)

Product Description: Human GSTZ1 full-length ORF (AAH01453, 1 a.a. - 216 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQAGKPILYSYFRSSCSWRVRIALALKGIDYETVPINLI
KGGGQQFSKDFQALNPMKQVPTLKIDGITIHQSLAIIIEY
LEEMRPTPRLLPQDPKCRASVRMISDLIAGGIQPLQNL
SVLKQVGEEMQLTWAQNAITCGFNALEQILQSTAGIYC
VGDEVTMADLCLVPQVANAERFKVDLTPYPTISSINKR
LLVLEAFQVSHPCRQPDTPTELRA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 49.50

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: 2954

Gene Symbol: GSTZ1

Gene Alias: GSTZ1-1, MAAI, MAI, MGC2029

Gene Summary: This gene is a member of the glutathione S-transferase (GSTs) super-family which

encodes multifunctional enzymes important in the detoxification of electrophilic molecules, including carcinogens, mutagens, and several therapeutic drugs, by conjugation with glutathione. This enzyme also plays a significant role in the catabolism of phenylalanine and tyrosine. Thus defects in this enzyme may lead to severe metabolic disorders including alkaptonuria, phenylketonuria and tyrosinaemia. Several transcript variants of this gene encode multiple protein isoforms. [provided by RefSeq]