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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

GGT1 (Human) Recombinant Protein (P01)

Catalog Number: H00002678-P01

Regulation Status: For research use only (RUO)

Product Description: Human GGT1 full-length ORF (NP_005256.2, 1 a.a. - 569 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MKKKLVVLGLLAVVLVLVIVGLCLWLPSASKEPDNHVY
TRAAVAADAKQCSKIGRDALRDGGSADVAAIAALLCV
GLMNAHSMGIGGGLFLTIYNSTTRKAEVINAREVAPRL
AFATMFNSSEQSQKGGLSVAVPGEIRGYELAHQRHG
RLPWARLFQPSIQLARQGFPVGKGLAAALENKRTVIEQ
QPVLCEVFCRDRKVLREGERLTLPQLADTYETLAIEGA
QAFYNGSLTAQIVKDIQAAGGIVTAEDLNNYRAELIEHP
LNISLGDVVLYMPSAPLSGPVLALILNLKGYNFSRESV
ESPEQKGLTYHRIVEAFRFAYAKRTLLGDPKFVDVTEV
VRNMTSEFFAAQLRAQISDDTTHPISYYKPEFYTPDDG
GTAHLSVVAEDGSAVSATSTINLYFGSKVRSPVSGILF
NNEMDDFSSPSITNEFGVPPSPANFIQPGKQPLSSMC
PTIMVGQDQGVRMVVGAAGGTQITTATALAIYNLWFG
YDVKRAVEEPRLHNQLLPNVTVERNIDQAVTAALETR
HHHTQIASTFIAVVQAIVRTAGGWAAASDSRKGGEPA
GY

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 87.8

Interspecies Antigen Sequence: Mouse (79); Rat (79)

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: 2678

Gene Symbol: GGT1

Gene Alias: CD224, D22S672, D22S732, GGT, GTG, MGC96892, MGC96904, MGC96963

Gene Summary: The enzyme encoded by this gene catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein, and is present in tissues involved in absorption and secretion. This enzyme is a member of the gamma-glutamyltransferase protein family, of which many members have not yet been fully characterized and some of which may represent pseudogenes. This gene is classified as type I gamma-glutamyltransferase. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]