

Native Human Liver Gamma Glutamyl Transpeptidase

Cat. No. GGT1-8131H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human Liver Gamma Glutamyl Transpeptidase was purified from Human Liver.
Species	Human
Source	Human Liver
Description	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.
Form	Lyophilized from 50 mM tris chloride, 1 mM magnesium chloride, 0.2 mM zinc chloride
Stability	2 years
Storage	-20 °C

GENE INFORMATION

Gene Name	GGT1 gamma-glutamyltransferase 1 [Homo sapiens]
-----------	---

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

Official Symbol	GGT1
Synonyms	GGT1; gamma-glutamyltransferase 1; GGT; gamma-glutamyltranspeptidase 1; CD224; D22S672; D22S732; glutamyl transpeptidase; glutathione hydrolase 1; gamma-glutamyl transpeptidase; GTG; GGT 1; MGC96892; MGC96904; MGC96963;
Gene ID	2678
mRNA Refseq	NM_001032364
Protein Refseq	NP_001027536
MIM	612346
UniProt ID	P19440
Chromosome Location	22q11.23
Pathway	Arachidonic acid metabolism, organism-specific biosystem; Arachidonic acid metabolism, conserved biosystem; Biological oxidations, organism-specific biosystem; Cyanoamino acid metabolism, organism-specific biosystem; Cyanoamino acid metabolism, conserved biosystem; Eicosanoid Synthesis, organism-specific biosystem; Glutathione conjugation, organism-specific biosystem;
Function	gamma-glutamyltransferase activity; gamma-glutamyltransferase activity; hydrolase activity; protein binding; transferase activity, transferring acyl groups;

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA