

Recombinant Human GGT5 cell lysate

Cat. No. GGT5-702HCL Lot. No. (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene is a member of a gene family that encodes gamma-glutamyl transpeptidase enzymes. This enzyme consists of a heavy and a light chain, and is able to hydrolyze the gamma-glutamyl moiety of glutathione. It converts leukotriene C4 to leukotriene D4, however, it doesn't convert synthetic substrates that are commonly used to assay gamma-glutamyl transpeptidase. Three transcript variants encoding different isoforms have been found for this gene.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	GGT5 gamma-glutamyltransferase 5 [Homo sapiens]
Official Symbol	GGT5
Synonyms	GGT5; gamma-glutamyltransferase 5; gamma glutamyltransferase like activity 1 , GGTLA1; GGT REL; GGT 5; glutathione hydrolase 5; gamma-glutamyl cleaving

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	enzyme; gamma-glutamyltranspeptidase 5; gamma-glutamyltransferase-like activity 1; gamma-glutamyl transpeptidase-related enzyme; gamma-glutamyl transpeptidase-related protein; GGTLA1; GGT-REL; FLJ92733; DKFZp566O011;
Gene ID	2687
mRNA Refseq	NM_001099781
Protein Refseq	NP_001093251
MIM	137168
UniProt ID	P36269
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; Glutathione conjugation, organism-specific biosystem; Glutathione metabolism, organism-specific biosystem;
Function	gamma-glutamyltransferase activity; gamma-glutamyltransferase activity; hydrolase activity; transferase activity; transferase activity, transferring acyl groups;