

## Recombinant Human GGT5 cell lysate

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

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	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.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

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

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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;

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