

Recombinant Human GGT6 cell lysate

Cat. No. GGT6-701HCL Lot. No. (See product label)

SPECIFICATION

Species	Human
Description	GGT6 belongs to the gamma-glutamyltransferase (GGT; EC 2.3.2.2) gene family. GGT is a membrane-bound extracellular enzyme that cleaves gamma-glutamyl peptide bonds in glutathione and other peptides and transfers the gamma-glutamyl moiety to acceptors. GGT is also key to glutathione homeostasis because it provides substrates for glutathione synthesis (Heisterkamp et al., 2008 [PubMed 18357469]).
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	GGT6 gamma-glutamyltransferase 6 [Homo sapiens]
Official Symbol	GGT6
Synonyms	GGT6; gamma-glutamyltransferase 6; gamma glutamyltransferase 6 homolog (rat); FLJ90165; GGT 6; glutathione hydrolase 6; gamma-glutamyltranspeptidase 6; gamma-glutamyltransferase 6 homolog; FLJ25990;

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Gene ID	124975
mRNA Refseq	NM_001122890
Protein Refseq	NP_001116362
MIM	612341
UniProt ID	Q6P531
Chromosome Location	17p13.2
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; hydrolase activity; transferase activity, transferring acyl groups;

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