Recombinant Human GGT5, GST-tagged

Cat. No. GGT5-13244H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human GGT5 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300a.a.
Description	The protein encoded by this gene is a peripheral membrane protein. It is sensitive to brefeldin A. This encoded protein contains a GRIP domain which is thought to be used in targeting. It may play a role in the organization of trans-Golgi network subcompartment involved with membrane transport.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	GGT5 gamma-glutamyltransferase 5 [Homo sapiens]
Official Symbol	GGT5

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Synonyms	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 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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