

Recombinant Full Length Human GGT6 Protein, GST-tagged

Cat. No. GGT6-5242HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GGT6 full-length ORF (AAH63111.1, 1 a.a. - 493 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	493 amino acids
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]).[supplied by OMIM
Molecular Mass	76.9 kDa
AA Sequence	MERAEEPVVYQKLLPWEPSLESEEEVEEEETSEALVLNPRRHQDSSRNKAGGLPGT WVRVVAALLLLAVGCSLAVRQLQNQGRSTGSLGSVAPPPGGHSHGPGVYHHGAIIS PAGRELLVAGGNVVDAGVGAALCLAVVHPHATGLGAMFWGLFHDSSSGNSTALTS GPAQTLAPGLGLPAALPTLHLLHARFGRLPWPRLLVGPTTLAQEGFLVDTPLARALV ARGTEGLCPPLLCHADGTPLGAGARATNPQLAAVLRSAALAPTSDLAGDALLSLLAGD LGVEVPSAVPRPTLEPAEQLPVPQGILFTTPSPSAGPELLALLEAALRSGAPIPDPCP PFLQTAVSPESSALAAVDSSSGSVLLLTSSLNCSFGSAHLSPSTGVLLSNLVAKSTTSA

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

WACPLILRGSLDDTEADVLGLVASGTPDVARAMHTLLRHLAARPPTQAQHQHQGGQ
QEPTEHPSTCGQGTLQVAAHTEHAHVSSVPHACCPFQGF

Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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;
Gene ID	124975
mRNA Refseq	NM_001122890
Protein Refseq	NP_001116362
MIM	612341



UniProt ID

Q6P531

 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