

Recombinant Full Length Human GGTLA1 Protein, GST-tagged

Cat. No. GGTLA1-5245HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GGTLA1 full-length ORF (NP_563577.1, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	225 amino acids
Description	This gene encodes a member of the gamma-glutamyl transpeptidase (GGT) family, which are important in the metabolism of glutathione. The most ubiquitously expressed human GGT gene, GGT1, encodes a single transmembrane polypeptide that is post-translationally processed to form a heavy and a light chain. In contrast, the product of this gene only contains homology to the light chain region, and lacks a transmembrane domain. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]
Molecular Mass	50.7 kDa
AA Sequence	MTSEFFSAQLRAQISDDTTHPISYYKPEFYMPDDGGTAHLSVVAEDGSAVSATSTIN LYFGSKVRSPVSGILLNNEMDDFSSTSITNEFGVPPSPANFIQPGKQPLSSMCPTIMV GQDGQVRMVVGAAGGTQITMATALAIIYNLWFGYDVKWAVEEPRLHNQLLPNVTTV ERNIDQEVTAALETRHHHTQITSTFIAVVQAIVRMAGGWAAASDSRKGGEPAKY
Applications	Enzyme-linked Immunoabsorbent Assay

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

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	GGTLC1 gamma-glutamyltransferase light chain 1 [Homo sapiens]
Official Symbol	GGTLC1
Synonyms	gamma-glutamyltransferase light chain 1; 16437; Ensembl:ENSG00000149435; MGC50550; gamma-glutamyltransferase light chain 1; gamma-glutamyl transpeptidase; gamma-glutamyltransferase-like protein 6; gamma-glutamyltransferase-like activity 3; gamma-glutamyltransferase-like activity 4; 2.3.2.2; GGTLC1; GGTLC2; GGTLC3; GGTLC4; dJ831C21.1; dJ831C21.2
Gene ID	92086
mRNA Refseq	NM_178311
Protein Refseq	NP_842563
MIM	612338
UniProt ID	Q9BX51

 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