

Recombinant Human GGTL C1 Protein, GST-tagged

Cat. No. GGTL C1-4881H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human GGTL A4 full-length ORF (NP_563577.1, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 GQDGQVRMVVGAAGGTQITMATALAIYNLWFGYDVKWAVEEPRLHNQLLPNVTTV ERNIDQEVTAALETRHHHTQITSTFIAVVQAIVRMAGGWAAASDSRKGGE PAGY
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production

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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; GGTLC6; GGTLC3; GGTLC4; dJ831C21.1; dJ831C21.2
Gene ID	92086
mRNA Refseq	NM_178311
Protein Refseq	NP_842563
MIM	612338
UniProt ID	Q9BX51

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