



Recombinant Human Gamma-glutamyltransferase light chain 1 (GGTLC1)

Product Code	CSB-BP009404HU
Abbreviation	GGTLC1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BX51
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MTSEFFSAQL RAQISDDTTH PISYYKPEFY MPDDGGTAHL SVVAEDGSAV SATSTINLYF GSKVRSPVSG ILLNNEMDDF SSTSITNEFG VPPSPANFIQ PGKQPLSSMC PTIMVGQDGQ VRMVVGAAGG TQITMATALA IYNLWFGYD VKWAVEEPRL HNQLLPNVT VERNIDQEV TAALETRHHHT QITSTFIAVV QAIVRMAGGW AAASDSRKGG EPAGY
Source	Baculovirus
Target Names	GGTLC1
Protein Names	Recommended name: Gamma-glutamyltransferase light chain 1 Alternative name(s): Gamma-glutamyltransferase-like activity 4 Gamma-glutamyltransferase-like protein 6
Expression Region	1-225
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	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.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final



concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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