



# Recombinant Human Gamma-glutamyltransferase light chain 1 (GGTLC1)

<b>Product Code</b>	CSB-EP009404HU-B
<b>Abbreviation</b>	GGTLC1
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q9BX51
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MTSEFFSAQL RAQISDDTTH PISYYKPEFY MPDDGGTAHL SVVAEDGSAV SATSTINLYF GSKVRSPVSG ILLNNEMDDF SSTSITNEFG VPPSPANFIQ PGKQPLSSMC PTIMVGQDGQ VRMVVGAAGG TQITMATALA IYNLWFGYD VKWAVEEPRL HNQLLPNVTT VERNIDQEVV AALETRHHHT QITSTFIAVV QAIVRMAGGW AAASDSRKGG EPAGY
<b>Source</b>	E.coli
<b>Target Names</b>	GGTLC1
<b>Protein Names</b>	Recommended name: Gamma-glutamyltransferase light chain 1 Alternative name(s): Gamma-glutamyltransferase-like activity 4 Gamma-glutamyltransferase-like protein 6
<b>Expression Region</b>	1-225
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	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.
<b>Reconstitution</b>	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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