

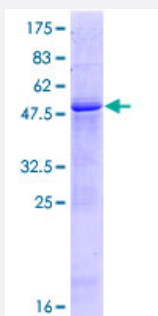
Full-Length

GGTLA4 (Human) Recombinant Protein (P01)

Catalog # H00092086-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human GGTLA4 full-length ORF (NP_563577.1, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MTSEFFSAQLRAQISDDTTHPISYYKPEFYMPDDGGTAHLSVVAEDGSAVSATSTINLYFGSKVRS
PVSGILLNNEMDDFSSTSITNEFGVPPSPANFIQPGKQPLSSMCPTIMVGQDQGVRMVVGAAGGT
QITMATALAIYNLWFGYDVKWAVEEPRLHNQLLPNVTTVERNIDQEVTAALETRHHTQITSTFIADV
QAIVRMAGGWAAASDSRKGGEPAKY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

50.7

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — GGTL1

Entrez GeneID [92086](#)

GeneBank Accession# [NM_080920.2](#)

Protein Accession# [NP_563577.1](#)

Gene Name GGTL1

Gene Alias GGTL6, GGTLA3, GGTLA4, MGC50550, dJ831C21.1, dJ831C21.2

Gene Description gamma-glutamyltransferase light chain 1

Gene Ontology [Hyperlink](#)

Gene Summary 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, GGT 1, 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]

Other Designations OTTHUMP00000030453|OTTHUMP00000030455|OTTHUMP00000030458|gamma-glutamyl transpeptidase|gamma-glutamyltransferase-like activity 3|gamma-glutamyltransferase-like activity 4|gamma-glutamyltransferase-like protein 6|gamma-glutamyltranspeptidase-like