

# Human GGT5 / GGTLA1 (His Tag) recombinant protein



Catalog Number: 501512

## General Information

### Gene Name Synonym

Gamma-glutamyl transpeptidase-related enzyme; Gamma-glutamyltransferase-like activity 1; Gamma-glutamyltransferase 5; Glutathione hydrolase 5; Leukotriene-C4 hydrolase; Gamma-glutamyltransferase 5 heavy chain; Gamma-glutamyltransferase 5 light chain

### Protein Construction

A DNA sequence encoding the human GGT5 (NP\_004112.2) (Ser30-Tyr586) was expressed with a polyhistidine tag at the N-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### Purity

> (5.9+52+42) % as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal

His

## Molecular Mass

The recombinant human GGT5 consists 576 amino acids and predicts a molecular mass of 61.8 kDa.

### Formulation

Lyophilized from sterile PBS, pH7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.
2. Please contact us for any concerns or special requirements.

## Usage Guide

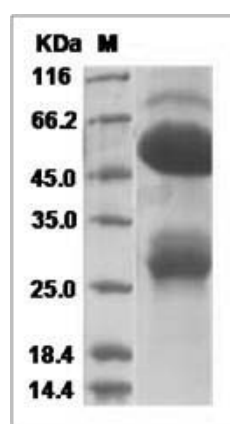
### Storage

Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ . It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

## SDS-PAGE



Human GGT5 / GGTLA1 Protein (His Tag) SDS-PAGE