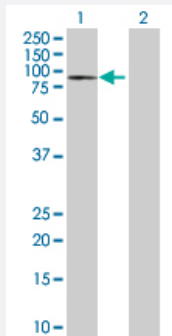


GGT1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002678-T01

Size 100 uL

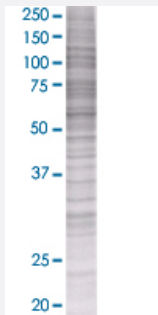
Applications



Western Blot

Lane 1: GGT1 transfected lysate (61.4 kDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

GGT1 transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GGT1 full-length
Host	Human
Theoretical MW (kDa)	62.7
Interspecies Antigen Sequence	Mouse (79); Rat (79)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GGT1 antibody ([H00002678-B01](#)) by Western Blots.

Western Blot

Lane 1: GGT1 transfected lysate (61.4 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel

GGT1 transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

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

Applications

- Western Blot

Gene Info — GGT1

Entrez GeneID

[2678](#)

GeneBank Accession#

[NM_001032364.1](#)

Protein Accession#

-

Gene Name

GGT1

Gene Alias

CD224, D22S672, D22S732, GGT, GTG, MGC96892, MGC96904, MGC96963

Gene Description

gamma-glutamyltransferase 1

Omim ID

[231950](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The enzyme encoded by this gene catalyzes the transfer of the glutamyl moiety of glutathione to a variety of amino acids and dipeptide acceptors. The enzyme is composed of a heavy chain and a light chain, which are derived from a single precursor protein, and is present in tissues involved in absorption and secretion. This enzyme is a member of the gamma-glutamyltransferase protein family, of which many members have not yet been fully characterized and some of which may represent pseudogenes. This gene is classified as type I gamma-glutamyltransferase. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq]

Other Designations

OTTHUMP00000028921|OTTHUMP00000159078|gamma-glutamyl transpeptidase|glutamyl transpeptidase

Pathway

- [Arachidonic acid metabolism](#)
- [Cyanoamino acid metabolism](#)
- [Glutathione metabolism](#)
- [Metabolic pathways](#)
- [Selenoamino acid metabolism](#)
- [Taurine and hypotaurine metabolism](#)

Disease

- [Alzheimer disease](#)
- [Arsenic Poisoning](#)
- [Cognition](#)
- [Disease Progression](#)
- [DNA Damage](#)
- [Fatty Liver](#)
- [Genetic Predisposition to Disease](#)
- [Metabolic Syndrome X](#)
- [Pancreatic Neoplasms](#)
- [Sleep Apnea](#)