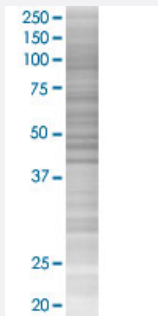


GNGT2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002793-T02

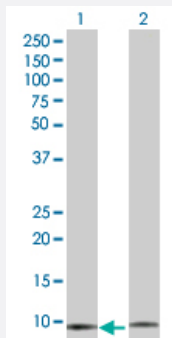
Size 100 uL

Applications



SDS-PAGE Gel

GNGT2 transfected lysate.



Western Blot

Lane 1: GNGT2 transfected lysate (7.70 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GNGT2 full-length
Host	Human
Theoretical MW (kDa)	7.7
Interspecies Antigen Sequence	Mouse (83); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GNGT2 antibody ([H00002793-B01](#)) by Western Blots.
SDS-PAGE Gel
GNGT2 transfected lysate.
Western Blot
Lane 1: GNGT2 transfected lysate (7.70 KDa)
Lane 2: Non-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 — GNGT2

Entrez GeneID

[2793](#)

GeneBank Accession#

[BC008663.1](#)

Protein Accession#

[AAH08663.1](#)

Gene Name

GNGT2

Gene Alias

G-GAMMA-8, G-GAMMA-C, GNG8, GNG9, GNGT8

Gene Description

guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 2

Omim ID

[603655](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

Phototransduction in rod and cone photoreceptors is regulated by groups of signaling proteins. The encoded protein is thought to play a crucial role in cone phototransduction. It belongs to the G protein gamma family and localized specifically in cones. There is evidence for use of multiple polyadenylation sites by this gene. [provided by RefSeq]

Other Designations

G protein cone gamma 8 subunit|gamma-T2 subunit|guanine nucleotide binding protein gamma 9|guanine nucleotide binding protein-gamma transducing activity polypeptide 2

Pathway

- [Chemokine signaling pathway](#)