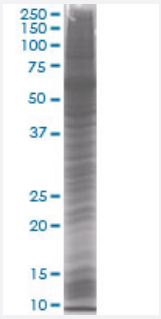
GNGT1 293T Cell Transient Overexpression Lysate(Denatured)

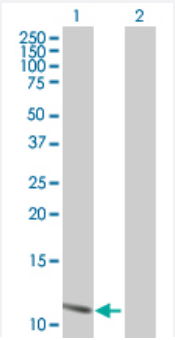
Catalog # H00002792-T04 Size 100 uL

Applications



SDS-PAGE Gel

GNGT1 transfected lysate



Western Blot

Lane 1: GNGT1 transfected lysate (8.25 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GNGT1 full-length
Host	Human
Theoretical MW (kDa)	8.25
Interspecies Antigen Sequence	Mouse (97); Rat (95)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-GNGT1 antibody (H00002792-B03) by Western Blots. SDS-PAGE Gel GNGT1 transfected lysate Western Blot Lane 1: GNGT1 transfected lysate (8.25 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 — GNGT1

Entrez GeneID	2792
GeneBank Accession#	BC029367
Protein Accession#	AAH29367
Gene Name	GNGT1
Gene Alias	GNG1
Gene Description	guanine nucleotide binding protein (G protein), gamma transducing activity polypeptide 1
Omim ID	189970
Gene Ontology	Hyperlink
Gene Summary	Heterotrimeric guanine nucleotide-binding proteins (G proteins) transduce extracellular signals received by transmembrane receptors to effector proteins. Transducin is a guanine nucleotide-binding protein found specifically in rod outer segments, where it mediates activation by rhodopsin of a cyclic GTP-specific (guanosine monophosphate) phosphodiesterase. Transducin is also referred to as GMPase. GNGT1 encodes the gamma subunit of transducin (Hurley et al., 1984 [PubMed 6438626]; Scherer et al., 1996 [PubMed 8661128]).[supplied by OMIM
Other Designations	OTTHUMP00000024526

Pathway

- Chemokine signaling pathway