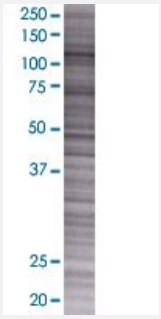
GANC 293T Cell Transient Overexpression Lysate(Denatured)

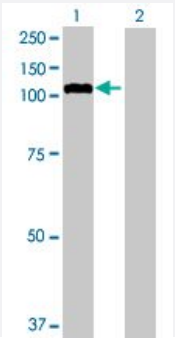
Catalog # H00002595-T01 Size 100 uL

Applications



SDS-PAGE Gel

GANC transfected lysate.



Western Blot

Lane 1: GANC transfected lysate (100.54 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GANC full-length
Host	Human
Theoretical MW (kDa)	100.54
Interspecies Antigen Sequence	Mouse (84); Rat (84)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-GANC antibody (H00002595-B01) by Western Blots. SDS-PAGE Gel GANC transfected lysate. Western Blot Lane 1: GANC transfected lysate (100.54 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 — GANC

Entrez GeneID	2595
GeneBank Accession#	BC151223
Protein Accession#	AAI51224.1
Gene Name	GANC
Gene Alias	MGC138256
Gene Description	glucosidase, alpha; neutral C
Omim ID	104180
Gene Ontology	Hyperlink
Gene Summary	Glycosyl hydrolase enzymes hydrolyse the glycosidic bond between two or more carbohydrates, or between a carbohydrate and a non-carbohydrate moiety. This gene encodes a member of glycosyl hydrolases family 31. This enzyme hydrolyses terminal, non-reducing 1,4-linked alpha-D-glucose residues and releases alpha-D-glucose. This is a key enzyme in glycogen metabolism and its gene localizes to a chromosomal region (15q15) that is associated with susceptibility to diabetes. [provided by RefSeq
Other Designations	neutral alpha-glucosidase C

Pathway

- Galactose metabolism
- Metabolic pathways
- Starch and sucrose metabolism