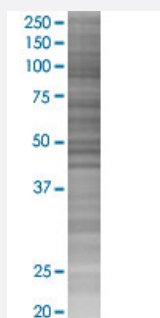


ICA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003382-T02

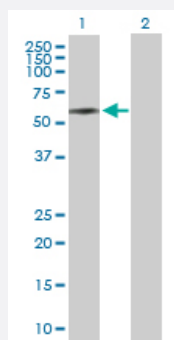
Size 100 uL

Applications



SDS-PAGE Gel

ICA1 transfected lysate.



Western Blot

Lane 1: ICA1 transfected lysate (54.60 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ICA1 full-length
Host	Human
Theoretical MW (kDa)	54.6
Interspecies Antigen Sequence	Mouse (89); Rat (90)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-ICA1 antibody ([H00003382-D01P](#)) by Western Blots.
SDS-PAGE Gel
ICA1 transfected lysate.
Western Blot
Lane 1: ICA1 transfected lysate (54.60 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 — ICA1

Entrez GeneID[3382](#)**GeneBank Accession#**[BC008640.2](#)**Protein Accession#**[AAH08640.1](#)**Gene Name**

ICA1

Gene Alias

ICA69, ICAp69

Gene Description

islet cell autoantigen 1, 69kDa

Omim ID[147625](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a protein with an arfaptin homology domain that is found both in the cytosol and as membrane-bound form on the Golgi complex and immature secretory granules. This protein is believed to be an autoantigen in insulin-dependent diabetes mellitus and primary Sjogren's syndrome. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]

Other Designations

diabetes mellitus type I autoantigen|islet cell autoantigen 1|islet cell autoantigen 1 (69kD)|islet cell autoantigen 1 isoform|islet cell autoantigen p69

Pathway

- [Type I diabetes mellitus](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Tobacco Use Disorder](#)
- [Vitiligo](#)