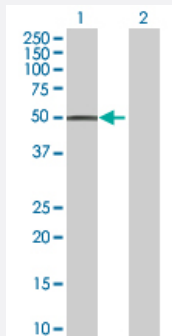


ISL1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00003670-T01

Size 100 uL

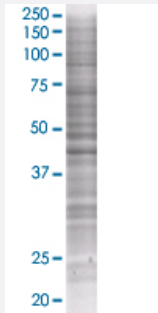
Applications



Western Blot

Lane 1: ISL1 transfected lysate (38.7 KDa)

Lane 2: Non-transfected lysate.



SDS-PAGE Gel

ISL1 transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-ISL1 full-length

Host Human

Theoretical MW (kDa) 38.17

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ISL1 antibody ([H00003670-B01](#)) by Western Blots.
Western Blot
Lane 1: ISL1 transfected lysate (38.7 KDa)
Lane 2: Non-transfected lysate.
SDS-PAGE Gel
ISL1 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 — ISL1

Entrez GeneID[3670](#)**GeneBank Accession#**[NM_002202](#)**Protein Accession#**[NP_002193](#)**Gene Name**

ISL1

Gene Alias

Isl-1

Gene Description

ISL LIM homeobox 1

Omim ID[600366](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene encodes a member of the LIM/homeodomain family of transcription factors. The encoded protein binds to the enhancer region of the insulin gene, among others, and may play an important role in regulating insulin gene expression. The encoded protein is central to the development of pancreatic cell lineages and may also be required for motor neuron generation. Mutations in this gene have been associated with maturity-onset diabetes of the young. [provided by RefSeq]

Other Designations

ISL1 transcription factor, LIM/homeodomain|islet-1

Disease

- [Attention Deficit Disorder with Hyperactivity](#)
- [Diabetes Mellitus](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)

- [Tourette Syndrome](#)