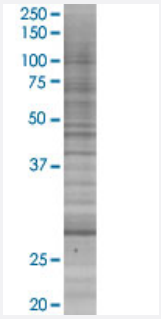
ASCL1 293T Cell Transient Overexpression Lysate(Denatured)

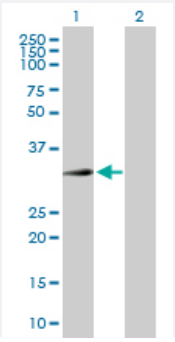
Catalog # H00000429-T03 Size 100 uL

Applications



SDS-PAGE Gel

ASCL1 transfected lysate.



Western Blot

Lane 1: ASCL1 transfected lysate (25.50 KDa)
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-ASCL1 full-length
Host	Human
Theoretical MW (kDa)	25.5
Interspecies Antigen Sequence	Mouse (98); Rat (96)

Quality Control Testing	Transient overexpression cell lysate was tested with Anti-ASCL1 antibody (H00000429-D01P) by W estern Blots. SDS-PAGE Gel ASCL1 transfected lysate. Western Blot Lane 1: ASCL1 transfected lysate (25.50 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% Bro mophenol blue)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ASCL1

Entrez GeneID	429
GeneBank Accession#	NM_004316.2
Protein Accession#	NP_004307.2
Gene Name	ASCL1
Gene Alias	ASH1, HASH1, MASH1, bHLHa46
Gene Description	achaete-scute complex homolog 1 (Drosophila)
Omim ID	100790 209880
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the basic helix-loop-helix (BHLH) family of transcription factors. The protein activates transcription by binding to the E box (5'-CANNTG-3'). Dimerization with othe r BHLH proteins is required for efficient DNA binding. This protein plays a role in the neuronal co mmitment and differentiation and in the generation of olfactory and autonomic neurons. Mutations in this gene may contribute to the congenital central hypoventilation syndrome (CCHS) phenotype in rare cases. [provided by RefSeq
Other Designations	achaete scute protein|achaete-scute complex homolog 1|achaete-scute complex-like 1

Disease

- Bipolar Disorder
- Genetic Predisposition to Disease
- Parkinson disease
- Schizophrenia
- Sleep Apnea
- Sudden Infant Death