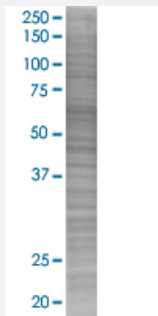


FEZ1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00009638-T01

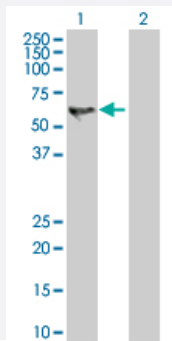
Size 100 uL

Applications



SDS-PAGE Gel

FEZ1 transfected lysate



Western Blot

Lane 1: FEZ1 transfected lysate (43.23 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FEZ1 full-length
Host	Human
Theoretical MW (kDa)	43.23
Interspecies Antigen Sequence	Mouse (95); Rat (95)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-FEZ1 antibody ([H00009638-B01](#)) by Western Blots.
SDS-PAGE Gel
FEZ1 transfected lysate
Western Blot
Lane 1: FEZ1 transfected lysate (43.23 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 — FEZ1

Entrez GeneID[9638](#)**GeneBank Accession#**[BC009545](#)**Protein Accession#**[AAH09545](#)**Gene Name**

FEZ1

Gene Alias

-

Gene Description

fasciculation and elongation protein zeta 1 (zygin I)

Omim ID[604825](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is an ortholog of the *C. elegans* unc-76 gene, which is necessary for normal axonal bundling and elongation within axon bundles. Expression of this gene in *C. elegans* unc-76 mutants can restore to the mutants partial locomotion and axonal fasciculation, suggesting that it also functions in axonal outgrowth. The N-terminal half of the gene product is highly acidic. Alternatively spliced transcript variants encoding different isoforms of this protein have been described. [provided by RefSeq]

Other Designations

zygin 1

Disease

- [Bipolar Disorder](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Postmortem Changes](#)
- [Schizophrenia](#)