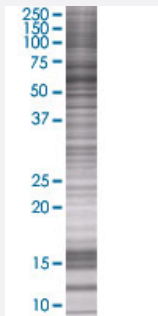


FYN 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002534-T01

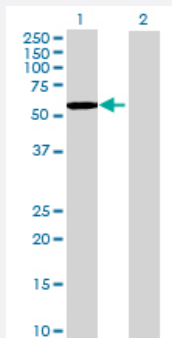
Size 100 uL

Applications



SDS-PAGE Gel

FYN transfected lysate.



Western Blot

Lane 1: FYN transfected lysate (59.18 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line 293T

Plasmid pCMV-FYN full-length

Host Human

Theoretical MW (kDa) 59.18

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-FYN antibody ([H00002534-B01](#)) by Western Blots.

SDS-PAGE Gel

FYN transfected lysate.

Western Blot

Lane 1: FYN transfected lysate (59.18 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 — FYN

Entrez GeneID[2534](#)**GeneBank Accession#**[NM_002037.3](#)**Protein Accession#**[NP_002028.1](#)**Gene Name**

FYN

Gene Alias

MGC45350, SLK, SYN

Gene Description

FYN oncogene related to SRC, FGR, YES

Omim ID[137025](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

This gene is a member of the protein-tyrosine kinase oncogene family. It encodes a membrane-associated tyrosine kinase that has been implicated in the control of cell growth. The protein associates with the p85 subunit of phosphatidylinositol 3-kinase and interacts with the fyn-binding protein. Alternatively spliced transcript variants encoding distinct isoforms exist. [provided by RefSeq]

Other Designations

OKT3-induced calcium influx regulator|OTTHUMP00000017914|OTTHUMP00000017915|OTTHUMP00000017917|c-syn protooncogene|protein-tyrosine kinase fyn|proto-oncogene tyrosine-protein kinase fyn|src-like kinase|src/yes-related novel|tyrosine kinase p59fyn(T)

Pathway

- [Adherens junction](#)
- [Axon guidance](#)
- [Fc epsilon RI signaling pathway](#)

- [Focal adhesion](#)
- [Natural killer cell mediated cytotoxicity](#)
- [Pathogenic Escherichia coli infection - EHEC](#)
- [Prion diseases](#)
- [T cell receptor signaling pathway](#)

Disease

- [Adenocarcinoma](#)
- [Alcoholism](#)
- [Alzheimer disease](#)
- [Asthma](#)
- [Bipolar Disorder](#)
- [Cardiovascular Diseases](#)
- [Cleft Lip](#)
- [Cleft Palate](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Hypertension](#)
- [Lupus Erythematosus](#)
- [Neuropsychological Tests](#)
- [Pancreatic Neoplasms](#)
- [Parkinson disease](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)

- [Tooth Abnormalities](#)