

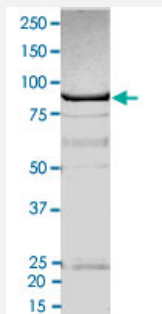
Bioactive

Full-Length

FYN (Human) Recombinant Protein

Catalog # P4697 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

□

Specification

Product Description	Human FYN (NM_002037, 1 a.a. - 537 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells.
Host	insect
Theoretical MW (kDa)	90.358
Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST affinity chromatography
Concentration	0.093 ug/uL

Activity	87 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5. (5 mM DTT, 4 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — FYN

Entrez GeneID	2534
Protein Accession#	NM_002037
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](#)