

Active Recombinant Full Length Human FYN Protein, GST tagged

Cat. No. FYN-322H Lot. No. (See product label)

SPECIFICATION

Product Overview

Recombinant full-length human FYN isoform A was expressed by baculovirus in Sf9 insect cells using an N terminal GST tag. The gene accession number is NM_002037.

Species

Human

Source

Insect Cells

ProteinLength

1-537 aa

Description

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.

Form

Recombinant protein stored in 50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25 % glycerol.

Bio-activity

Specific Activity: 103 nmol/min/mg

Storage

Store product at -70 centigrade. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles. Stability: 1 year at -70 centigrade from date of shipment.

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Concentration 0.1 µg/µL

Shipping Dry ice

GENE INFORMATION

Gene Name FYN FYN proto-oncogene, Src family tyrosine kinase [Homo sapiens (human)]

Official Symbol FYN

Synonyms

FYN; FYN oncogene related to SRC, FGR, YES; tyrosine-protein kinase Fyn; MGC45350; SLK; SYN; src-like kinase; proto-oncogene Syn; c-syn protooncogene; proto-oncogene c-Fyn; src/yes-related novel; tyrosine kinase p59fyn(T); OKT3-induced calcium influx regulator; p59-FYN

Gene ID 2534

mRNA Refseq NM_002037

Protein Refseq NP_002028

MIM 137025

UniProt ID P06241

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