

Recombinant Full Length Human FYN Protein, GST-tagged

Cat. No. FYN-5284HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FYN full-length ORF (AAH32496, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	482 amino acids
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. [provided by RefSeq]
Molecular Mass	78.76 kDa
AA Sequence	MGCVQCKDKEATKLTEERDGS LNQSSGYRYGTDPTPQHYP SFGVTSIPNYNNFHA AGGQGLTVFGGVNSSSHTGTLRTRGGTGVTLFVALYDYEARTEDDLSFHKGEKFQI LNSSEGDWWEARSLTTGETGYIPSNYVAPVDSIQAE EWYFGKLGRKDAERQLLSFG NPRGTFLIRESETTKGAYSL SIRDWDDMKGDHVKHYKIRKLDNGGYYITTRAQFETL QQLVQHYS GTWNGNTKVAIKTLKPGTMSPE SFLEEAQIMKKLKHDKLVQLYAVVSE EPIYIVTEYMNKGSLLDF LKDGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRDLR SANILVGNG LICKIADFGLARLIEDNEY TARQGAKFPIKWTAPEAALYGRFTIKSDVWS FGILLTELVT KGRVPYPGMNNREVL EQVERGYRMPCPQDCPISLHELMHCWK KDP

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EERPTFEYLLQSFLEDYFTATEPQYQPGENL

Applications

Kinase Assay
Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

FYN FYN oncogene related to SRC, FGR, YES [Homo sapiens]

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

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MIM	137025
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UniProt ID	P06241
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