

## Recombinant Full Length Human FYN Protein, GST-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Human FYN full-length ORF ( AAH32496, 1 a.a. - 482 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	482 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	78.76 kDa
<b>AA Sequence</b>	MGCVQCKDKEATKLTEERDGS LNQSSGYRYGTDPTPQHYP SFGVTSIPNYNNFHA AGGQGLTVFGGVNSSSHTGTLRTRGGTGVTLFVALYDYEARTEDDL SFHKGEKFQI LNSSEGDWWEARSLTTGETGYIPSNYVAPVDSIQAE EWYFGKLGRKDAERQLLSFG NPRGTFLIRESETTKGAYSLSIRDWDDMKGDHV KHYKIRKLDNGGYYITTRAQFETL QQLVQHYS GTWNGNTKVAIKTLKPGTMSPE SFLEEAQIMKCLKHDKLVQLYAVVSE EPIYIVTEYMNKGSLLDFLKDGEGRALKLPNLVDMAAQVAAGMAYIERMNYIHRDLR SANILVGNGLICKIADFGLARLIEDNEY TARQGAKFPIKWTAPEAALYGRFTIKSDVWS FGILLTELVTKGRVPYPGMN NREVLQVERGYRMP CPQDCPISLHELMIHCWKKDP

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EERPTFEYLQSFLEDYFTATEPQYQPGENL

**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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<b>MIM</b>	137025
<b>UniProt ID</b>	P06241

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