

## Recombinant Human FYN protein, His & T7-tagged

**Cat. No.** FYN-1766H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human FYN aa. (Gly2~Leu537 (Accession # P06241)) fused with N-terminal His & T7 tag was produced in E. coli cells.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gly2~Leu537
<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.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 64.3kDa
<b>Endotoxin</b>	<1.0EU per 1ug (determined by the LAL method)
<b>Purity</b>	>95%
<b>Applications</b>	SDS-PAGE; WB; ELISA; IP.

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<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
<b>Storage</b>	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
<b>Storage buffer</b>	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
<b>Reconstitution</b>	Reconstitute in sterile PBS, pH7.2-pH7.4.
<b>Isoelectric Point</b>	6.2

## GENE INFORMATION

<b>Gene Name</b>	FYN FYN proto-oncogene, Src family tyrosine kinase [ Homo sapiens (human) ]
<b>Official Symbol</b>	FYN
<b>Synonyms</b>	FYN; FYN proto-oncogene, Src family tyrosine kinase; SLK; SYN; p59-FYN; tyrosine-protein kinase Fyn; FYN oncogene related to SRC, FGR, YES; OKT3-induced calcium influx regulator; c-syn protooncogene; proto-oncogene Syn; proto-oncogene c-Fyn; src-like kinase; src/yes-related novel; tyrosine kinase p59fyn(T)
<b>Gene ID</b>	2534
<b>mRNA Refseq</b>	NM_002037.5
<b>Protein Refseq</b>	NP_002028.1

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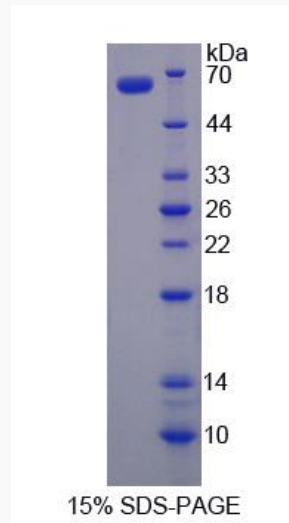
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UniProt ID

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SDS-PAGE



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