

Recombinant Human FYN protein, His & T7-tagged

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

SPECIFICATION

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

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Stability	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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.2

GENE INFORMATION

Gene Name	FYN FYN proto-oncogene, Src family tyrosine kinase [Homo sapiens (human)]
Official Symbol	FYN
Synonyms	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)
Gene ID	2534
mRNA Refseq	NM_002037.5
Protein Refseq	NP_002028.1

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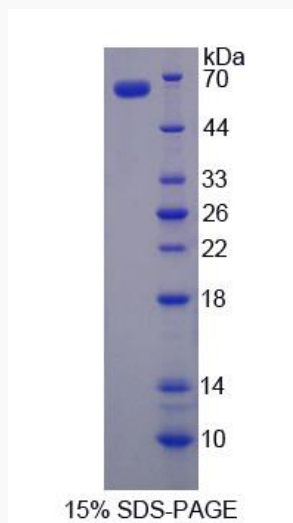
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UniProt ID

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SDS-PAGE

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