

Recombinant Human LYN

Cat. No. LYN-27984TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human Lyn was expressed by baculovirus in Sf9 insect cells using an N-terminal tag, 81kDa.
Species	Human
Description	This gene encodes a tyrosine protein kinase, which maybe involved in the regulation of mast cell degranulation, and erythroid differentiation. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.
Tissue specificity	Widely expressed in a variety of organs, tissues, and cell types such as epidermoid, hematopoietic, and neuronal cells. Expressed in primary neuroblastoma tumors.
Biological activity	The Specific activity of LYN-27984TH was determined to be 571 nmol/min/mg.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	Preservative: None Constituents: 25% Glycerol, 50mM Tris HCl, 150mM Sodium chloride, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, pH 7.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequence	Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC

 Tel: 1-631-559-9269 1-516-512-3133

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 45-1 Ramsey Road, Shirley, NY 11967, USA

Similarities

subfamily.Contains 1 protein kinase domain.Contains 1 SH2 domain.Contains 1 SH3 domain.

GENE INFORMATION
Gene Name

LYN v-yes-1 Yamaguchi sarcoma viral related oncogene homolog [Homo sapiens]

Official Symbol

LYN

Synonyms

LYN; v-yes-1 Yamaguchi sarcoma viral related oncogene homolog; tyrosine-protein kinase Lyn; JTK8;

Gene ID

4067

mRNA Refseq

NM_001111097

Protein Refseq

NP_001104567

MIM

165120

Uniprot ID

P07948

Chromosome Location

8q13

Pathway

Adaptive Immune System, organism-specific biosystem; Alpha-synuclein signaling, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; B cell receptor signaling pathway, organism-specific biosystem; B cell receptor signaling pathway, conserved biosystem;

Function

ATP binding; SH3 domain binding; glycosphingolipid binding; integrin binding; ion

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channel binding;

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