

Recombinant Human LYN

Cat. No. LYN-28760TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment: MGCIKSKGKD SLSDDGVDLK TQPVRNTER IYVRDPTSNK QQRVPESQL LPGQRFQTKD PEEQGDIVVA LYPYDGIHPD DLSFKKGEKM KVLEEHGEWW, corresponding to amino acids 1-100 of Human Lyn with proprietary tag; 37kDa.
Species	Human
Source	E.coli
ProteinLength	1-100 a.a.
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.
Form	Liquid
Storage buffer	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

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Sequences of amino acids MGCIKSKGKDSLSDDGVDLKTQPVRNTERTIYVRDPTSNKQQRVPESQLLPGQRF QTKDPEEQGDIVVALYPYDGIHPDDLFSFKKGEKMKVLEEHEGEWW

Sequence Similarities Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC 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

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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 channel binding;

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