

Recombinant Human LYN

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

SPECIFICATION

Product Overview	Recombinant fragment: MGCIKSKGKD SLSDDGVDLK TQPVRNTERT IYVRDPTSNK QQRVPESQL LPGQRFQTKD PEEQGDIVVA LYPYDGIHPD DLSFKKGGEKM 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 QTKDPEEQGDIVVALYPYDGIHPDDLSEFKKGEKMKVLEEHEGEWW
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

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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