

LYN B Recombinant Protein | LYNB recombinant protein

LYN B, Active

CATALOG # AAA73646	HOST Sf9 insect cells	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

LYN B; Active; JTK8; FLJ26625; p65; LYNB recombinant protein

PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Applicable Applications for LYNB recombinant protein	WB (Western Blot), Kinase Assay
Tag	GST
Species	Human
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.

IMAGES



SDS-PAGE

Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity

Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for LYNB recombinant protein	Recombinant full-length human LYN B was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is BC059394. LYN is a 56 kd tyrosine kinase that is similar to mouse T-lymphocyte-specific tyrosine kinase p56lck, v-src, v-fgr and v-src and is expressed in a variety of tissues (1). LYN is expressed preferentially in B cells and can be coimmunoprecipitated with IgM suggesting that LYN is physically associated with membrane-bound IgM, and participates in antigen-mediated signal transduction (2). Crosslinking of membrane-bound IgM with antibody induces rapid increase in activities of LYN and LYN-associated phosphatidylinositol 3-kinase.
Product Categories/Family for LYNB recombinant protein	Protein Kinases ; AKT/PKB Pathway ; Cancer ; Cardiovascular Disease ; Cellular Stress ; Cytoplasmic Tyrosine Kinases ; Inflammation
References	1. Yamanashi, Y. et al: The yes-related cellular gene lyn encodes a possible tyrosine kinase similar to p56lck. Mol Cell Biol. 1987 Jan;7(1):237-43. 2. Yamanashi, Y. et al: Association of B cell antigen receptor with protein tyrosine kinase Lyn. Science. 1991 Jan 11;251(4990):192-4.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37589565
NCBI GeneID	4067
Molecular Weight	85.0 kDa
NCBI Official Full Name	Homo sapiens v-src-1 Yamaguchi sarcoma viral related oncogene homolog, mRNA
NCBI Official Synonym Full Names	LYN proto-oncogene, Src family tyrosine kinase
NCBI Official Symbol	LYN
NCBI Official Synonym Symbols	JTK8; p53Lyn; p56Lyn
NCBI Protein Information	tyrosine-protein kinase Lyn

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/lyn-b-recombinant-protein-sf9-insect-cells-wb-western-blot-kinase-assay/73646>