

Recombinant Human LYN/LYNa Kinase

Catalog No.: RP03376LQ

Sequence Information

Species **Gene ID**
Human 4067

Swiss Prot **Tags**
P07948 N-GST

Synonyms

LYN; LYNa; JTK8; p56Lyn;
Tyrosine-protein kinase Lyn

Product Information

Source **Purification**
Baculovirus-Insect Cells ≥ 90 % as determined by SDS-PAGE; ≥ 90 % as determined by HPLC.

Calculated MW **Observed MW**
85.1 kDa 70-85 kDa

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Supplied as a 0.22 μm filtered solution in 50 mM Tris-HCl, 150 mM NaCl, 20% glycerol, 5 mM DTT, 100 mM Trehalose. (pH 7.5).
Contact us for customized product form or formulation.

Reconstitution

Please use running water to thaw it quickly.

Background

Tyrosine-protein kinase Lyn is a protein that in humans is encoded by the LYN gene. Lyn is a member of the Src family of protein tyrosine kinases, which is mainly expressed in hematopoietic cells, in neural tissues liver, and adipose tissue. In various hematopoietic cells, Lyn has emerged as a key enzyme involved in the regulation of cell activation. In these cells, a small amount of LYN is associated with cell surface receptor proteins, including the B cell antigen receptor (BCR), CD40, or CD19. The abbreviation Lyn is derived from Lck/Yes novel tyrosine kinase, Lck and Yes also being members of the Src kinase family.

Basic Information

Description

Recombinant Human LYN/LYNa Kinase is produced by Baculovirus-Insect Cells expression system. The target protein is expressed with sequence (Gly2-Pro512) of Human LYN (Accession #P07948) fused with a N-GST tag.

Activity

The activity of LYN is based on the MSA technology, and the content and ratio of the substrate and the product are directly separated and detected in real time and dynamically by the different migration rates of the substrate and the product after the enzymatic reaction.

Shipping

Lyophilized proteins are shipped at ambient temperature.
Liquid proteins are shipped at frozen temperature with dry ice.
Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -70°C

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

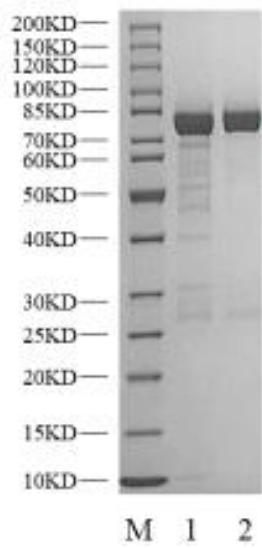
Contact

☎ | 400-999-6126

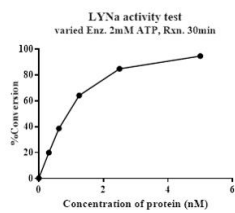
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Validation Data



Recombinant Human LYN/LYNa Kinase was resolved with SDS-PAGE under reducing (Lane 1) and non-reducing (Lane 2) conditions.



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