

## Recombinant Human LYN Protein, GST-tagged

**Cat. No.** LYN-4556H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human LYN full-length ORF ( NP_002341.1, 1 a.a. - 512 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Description</b>      | 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. [provided by RefSeq, Jul 2011]                                                                                                                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 81.95 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>AA Sequence</b>      | <p>MGCIKSKGKDSLSDDGVDLKTQPVRNTERTIYVRDPTSNKQQRVPESQLLPGQRF</p> <p>QTKDPEEQGDIVVALYPYDGIHPDDLSEKKGKMKVLEEHGEWWKAKSLLTKKEGFI</p> <p>PSNYVAKLNTLETEEWFFKDITRKDAERQLLAPGNSAGAFIRESETLKGSFSLSVRD</p> <p>FDPVHGDVIKHYKIRSLDNGGYYISPRITFPCISDMIKHYQKQADGLCRRLEKACISPK</p> <p>PQKPWDKDAWEIPRESIKLVKRLGAGQFGEVWMGYNNSTKVAVKTLKPGTMSVQ</p> <p>AFLEEANLMKTLQHDKLVRLYAVVTREEPIYIITEYMAKGSLLDFLKSDDEGGKVLLPKL</p> <p>IDFSAQIAEGMAYIERKNYIHRDLRAANVLVSESLMCKIADFGLARVIEDNEYTAREGA</p> <p>KFPIKWTAPEAINFGCFTIKSDVWSFGILLYEIVTYGKIPYPGRTNADVMTALSQGYR</p> <p>MPRVENCPELDYDIMKMCWKEKAEERPTFDYLSVLDDFYTATEGQYQQQP</p> |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

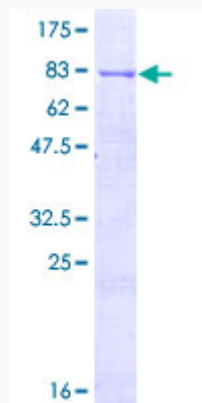
|                         |                                                                                                                                                                            |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                         | Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                 |
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                     |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                   |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                   |
| <b>GENE INFORMATION</b> |                                                                                                                                                                            |
| <b>Gene Name</b>        | LYN v-yes-1 Yamaguchi sarcoma viral related oncogene homolog [ Homo sapiens ]                                                                                              |
| <b>Official Symbol</b>  | LYN                                                                                                                                                                        |
| <b>Synonyms</b>         | LYN; v-yes-1 Yamaguchi sarcoma viral related oncogene homolog; tyrosine-protein kinase Lyn; JTK8; lck/Yes-related novel protein tyrosine kinase; p53Lyn; p56Lyn; FLJ26625; |
| <b>Gene ID</b>          | 4067                                                                                                                                                                       |
| <b>mRNA Refseq</b>      | NM_001111097                                                                                                                                                               |
| <b>Protein Refseq</b>   | NP_001104567                                                                                                                                                               |
| <b>MIM</b>              | 165120                                                                                                                                                                     |
| <b>UniProt ID</b>       | P07948                                                                                                                                                                     |

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**Quality Control  
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue

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