

## Active Recombinant Human SYK, GST-tagged

**Cat. No.** SYK-557H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human SYK (Accession # NM_003177) , fused with an N-terminal GST tag, was produced in baculovirus in Sf 9 insect cells.                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                         |
| <b>Source</b>           | Sf9 Cells                                                                                                                                                                                     |
| <b>Form</b>             | Supplied in 50 mM Tris-HCl (pH 7.5), 150 mM NaCl, 0.25 mM DTT, 10 mM glutathione, 0.1 mM EDTA, 0.1 mM PMSF, and 25% glycerol.                                                                 |
| <b>Bio-activity</b>     | The specific activity of SYK was determined to be $10^7$ nmol/min/mg using a poly (Glu:Tyr, 4:1) synthetic peptide substrate                                                                  |
| <b>Molecular Mass</b>   | In SDS-PAGE migrates as 100 kDa.                                                                                                                                                              |
| <b>Purity</b>           | The purity was determined to be >90% by densitometry                                                                                                                                          |
| <b>Storage</b>          | Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C). |

### GENE INFORMATION

|                  |                                             |
|------------------|---------------------------------------------|
| <b>Gene Name</b> | SYK spleen tyrosine kinase [ Homo sapiens ] |
|------------------|---------------------------------------------|

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|                            |                                                                                                       |
|----------------------------|-------------------------------------------------------------------------------------------------------|
| <b>Official Symbol</b>     | SYK                                                                                                   |
| <b>Synonyms</b>            | SYK; spleen tyrosine kinase; tyrosine-protein kinase SYK; p72-Syk; FLJ25043; FLJ37489; DKFZp313N1010; |
| <b>Gene ID</b>             | 6850                                                                                                  |
| <b>mRNA Refseq</b>         | NM_001135052                                                                                          |
| <b>Protein Refseq</b>      | NP_001128524                                                                                          |
| <b>MIM</b>                 | 600085                                                                                                |
| <b>UniProt ID</b>          | P43405                                                                                                |
| <b>Chromosome Location</b> | 9q22                                                                                                  |

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