

# Active Recombinant Full Length Human SYK Protein, DDK-tagged, Biotinylated

**Cat. No.** SYK-7918HF    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                  |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Full-length human SYK [1-635(end) amino acids of accession number NP_003168.2] was expressed as N- terminal DYKDDDDK tagged, biotinylated protein (76 kDa) using baculovirus expression system. The protein was purified by using DYKDDDDK tag antibody agarose. |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                            |
| <b>Source</b>           | Sf21 Cells                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | 1-635(end)                                                                                                                                                                                                                                                       |
| <b>Form</b>             | 50 mM Tris-HCl, 150 mM NaCl, 0.05% Brij35, 1 mM DTT, 10% glycerol, pH7.5                                                                                                                                                                                         |
| <b>Bio-activity</b>     | The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.                   |
| <b>Purity</b>           | 99%                                                                                                                                                                                                                                                              |
| <b>Applications</b>     | SDS-PAGE                                                                                                                                                                                                                                                         |
| <b>Storage</b>          | Store at -80C. Avoid repeating freeze-thaws.                                                                                                                                                                                                                     |

 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

**Conjugation** Biotin

## GENE INFORMATION

**Gene Name** spleen tyrosine kinase

**Official Symbol** SYK

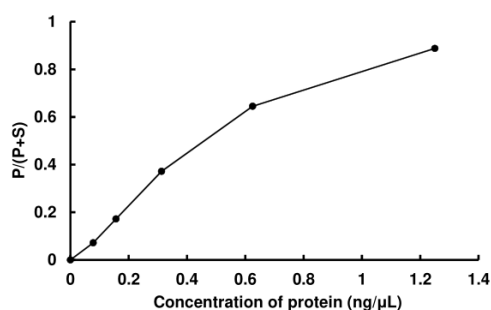
**Synonyms** SYK;p72-Syk

**Protein Refseq** [NP\\_003168.2](#)

**UniProt ID** [P43405](#)

### Activity data

Activity data



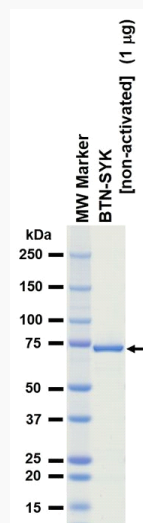
The activity was measured by off-chip mobility shift assay(MSA). The enzyme was incubated with fluorescence-labeled substrate and Mg(or Mn)/ATP. The phosphorylated and unphosphorylated substrates were separated and detected by MSA device.

 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

## SDS-PAGE



The purity was assessed by SDS-PAGE/CBB staining.

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