

Bioactive

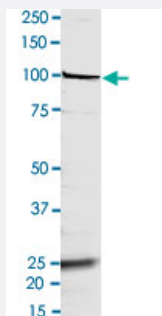
Full-Length

# SYK (Human) Recombinant Protein

Catalog # P4780

Size 100 ug

## Applications



## Result of activity analysis

Result of activity analysis

## Specification

|                             |                                                                                                                   |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>  | Human SYK (NM_003177, 1 a.a. - 635 a.a.) full-length recombinant protein with GST-His tag expressed in Sf9 cells. |
| <b>Host</b>                 | insect                                                                                                            |
| <b>Theoretical MW (kDa)</b> | 104.408                                                                                                           |
| <b>Form</b>                 | Liquid                                                                                                            |
| <b>Preparation Method</b>   | Insect cell (Sf9) expression system                                                                               |
| <b>Purification</b>         | One-step affinity purification using GSH agarose                                                                  |
| <b>Concentration</b>        | 0.094 ug/uL                                                                                                       |

|                         |                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------|
| Activity                | 20 pmol/ug x min                                                                            |
| Quality Control Testing | 2 ug/lane SDS-PAGE Stained with Coomassie Blue                                              |
| Storage Buffer          | In 50 mM Tris-HCl, 100 mM NaCl, pH 8.0. (5 mM DTT, 15 mM reduced glutathione, 20% glycerol) |
| Storage Instruction     | Store at -80°C.<br>Aliquot to avoid repeated freezing and thawing                           |
| Note                    | Result of activity analysis<br>Result of activity analysis                                  |

## Applications

- Functional Study
- SDS-PAGE

## Gene Info — SYK

|                    |                                       |
|--------------------|---------------------------------------|
| Entrez GeneID      | <a href="#">6850</a>                  |
| Protein Accession# | <a href="#">NM_003177</a>             |
| Gene Name          | SYK                                   |
| Gene Alias         | DKFZp313N1010, FLJ25043, FLJ37489     |
| Gene Description   | spleen tyrosine kinase                |
| Omim ID            | <a href="#">600085</a>                |
| Gene Ontology      | <a href="#">Hyperlink</a>             |
| Other Designations | OTTHUMP00000021627 OTTHUMP00000021628 |

## Pathway

- [B cell receptor signaling pathway](#)
- [Fc epsilon RI signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)

- [Natural killer cell mediated cytotoxicity](#)

## Disease

- [Lymphedema](#)
- [Lymphoproliferative Disorders](#)
- [Myelodysplastic Syndromes](#)
- [Tobacco Use Disorder](#)