

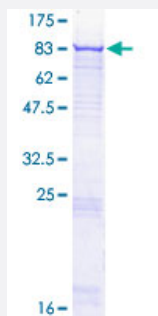
Full-Length

SYK (Human) Recombinant Protein (P01)

Catalog # H00006850-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SYK full-length ORF (NP_003168.2, 1 a.a. - 635 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MASSGMADSANHLPFFFGNITREEAEDYLVQGGMSDGLYLLRQSRNYLGGFALSVAHGRKAHHY
TIERELNGTYAAGGRTHASPADLCHYHSQESDGLVCLLKPFNRPQGVQPKTGPFDLKENLIRE
YVKQTNWLQGGQALEQAISQKPQLEKLIATTAHEKMPWFHGKISREESEQVLIGSKTNGKFLIRARD
NNGSYALCLLHEGKVLHYRIDKDKTGKLSIPEGKKFDLWQLVEHYSYKADGLLRVLTVPCKIGT
QGNVNFGGRPQLPGSHPATWSAGGIISRIKSYSFPPKPGHRKSSPAQGNRQESTVSFNPYEPCLAP
WAADKGPQREALPMDTEVYESPYADPEEIRPKEVYLDRLTLTDKELGSGNFGTVKKGGYQMK
KVVKTAVKILKNEANDPALKDELLAEANVMQQLDNPYVIRMGICEAESWMLVMEMAELGPLNK
YLQQNRHVKDKNIIELVHQSVMGMKYLEESNFVHRDLAARNVLLVTQHYAKISDFGLSKALRADEN
YYKAQTHGKWPVKWYAPECINYYKFSSKSDVWSFGVLMWEAFSYGQKPYRGMKGSEVTAMLEK
GERMGCPAGCPREMYDLMLNCWTYDVENRPGFAAVALRLRNYDYYV

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

98.5

Interspecies Antigen Sequence

Mouse (92)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SYK

Entrez GeneID	6850
GeneBank Accession#	NM_003177.3
Protein Accession#	NP_003168.2
Gene Name	SYK
Gene Alias	DKFZp313N1010, FLJ25043, FLJ37489
Gene Description	spleen tyrosine kinase
Omim ID	600085
Gene Ontology	Hyperlink
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](#)