

Recombinant Human SYK Protein, His-FLAG-tagged

Cat. No. SYK-109H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human full length SYK protein (1-635 aa) was expressed in HEK 293 cells with an N-terminal His-Flag tag
Species	Human
Source	HEK293
ProteinLength	1-635 a.a.
Description	Spleen Tyrosine Kinase (SYK) belongs to the family of non-receptor type Tyr protein kinases. The SYK protein is extensively expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events which mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis.
Form	Liquid
Molecular Mass	74.25kDa.
AA sequence	MHHHHHHHDYKDDDDKKLMASSGMADSANHLPFFFGNITREEAEDYLVQGGMSDGL YLLRQSRNYLGGFALSVAHGRKAHHYTIERELNGTYAIAGGRTHASPADLCHYHSQ ES DGLVCLLKKPFNRPQGVQPKTGPFEDLKENLIREYVKQTNWLQGQALEQAIISQ KPQL EKLIATTAHEKMPWFHKGISREESEQIVLIGSKTNGKFLIRARDNNGSYALCCL HEGKV LHYRIDKDKTGKLSIPEGKKFDTLWQLVEHYSYKADGLLRVLTVPCKIGTQ GNVNFG GRPQLPGSHPATWSAGGIISRIKSYSFPPKPGHRKSSPAQGNRQESTVSF

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NPYEPELA PWAADKGPQREALPMDTEVYESPYADPEEIRPKEVYLDRKLLTLEDKE
 LGSGNFGTV KKGYYQMKKVVKTVAVKILKNEANDPALKDELLAEANVMQQLDNPYI
 VRMIGICEAES WMLVMEMAELGPLNKYLQQNRHVKDKNIIELVHQVSMGMKYLEES
 NFVHRDLAARN VLLVTQHYAKISDFGLSKALRADENYYKAQTHGKWPVKWYAPECI
 NYYKFSSKSDVW SFGVLMWEAFSYGQKPYRGMKGSEVTAMLEKGERMGCPAGC
 PREMYDLMNLCWT YDVENRPGFAAVELRLRNYYYDVVN

Purity >85.0% as determined by SDS-PAGE.

Storage Store at 4 centigrade if entire vial will be used within 2-4 weeks. Store, frozen at -20 centigrade for longer periods of time. Please avoid freeze thaw cycles.

Storage buffer 50mM Tris pH 7.5, 300mM NaCl and 10% Glycerol.

Full Length Full L.

GENE INFORMATION

Gene Name SYK spleen tyrosine kinase [Homo sapiens]

Official Symbol SYK

Synonyms SYK; spleen tyrosine kinase; tyrosine-protein kinase SYK; p72-Syk; FLJ25043; FLJ37489; DKFZp313N1010;

Gene ID 6850

mRNA Refseq NM_001135052

Protein Refseq NP_001128524

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MIM	600085
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UniProt ID	P43405
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