

Recombinant Human SYK Protein, MYC/DDK-tagged

Cat. No. SYK-35H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human spleen tyrosine kinase (SYK), transcript variant 1 with C-MYC/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	<p>This gene encodes a member of the family of non-receptor type Tyr protein kinases. This protein is widely expressed in hematopoietic cells and is involved in coupling activated immunoreceptors to downstream signaling events that mediate diverse cellular responses, including proliferation, differentiation, and phagocytosis. It is thought to be a modulator of epithelial cell growth and a potential tumour suppressor in human breast carcinomas. Alternatively spliced transcript variants encoding different isoforms have been found for this gene.</p>
Molecular Mass	71.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for 3 months from receipt of products under proper storage and handling conditions.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

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GENE INFORMATION

Gene Name	SYK spleen associated tyrosine kinase [Homo sapiens (human)]
Official Symbol	SYK
Synonyms	SYK; spleen associated tyrosine kinase; p72-Syk; tyrosine-protein kinase SYK; spleen tyrosine kinase; EC 2.7.10.2
Gene ID	6850
mRNA Refseq	NM_003177
Protein Refseq	NP_003168
MIM	600085
UniProt ID	P43405

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