

Spleen Tyrosine Kinase Human Recombinant

Item Number	rAP-1663
Synonyms	Tyrosine-protein kinase SYK, Spleen tyrosine kinase, p72-Syk, SYK.
Description	SYK Human Recombinant full length protein (1-635 aa) produced in HEK 293 cells with an N-terminal His-Flag tag, having a molecular weight of 74.25kDa. Human SYK is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P43405
Amino Acid Sequence	MHHHHHDYKDDDDKLMASSGMADSANHLPFFFGNITREEAEDYLVQGGMSDGL YLLRQSRNYLGG-FALSVAHGRKAHHTYIERELNGTYAIAGGRTHASPADLCHYHSQES DGLVCLLKPFNRPQGVQPKTGFEDLKENLIREYVKQTWNLQGGQALEQAIISQKPQL EKLIAT- TAHEKMPWFHKGISREESEQIVLIGSKTNGKFLIRARDNNGSYALCLLHEGKV LHYRIDKDKTGKLSIPEGKKFDTLWQLVEHYSYKADGLLRVLTVPQCQKIGTQGNVNFG GRPQLPGSHPAT- WSAGGIISRIKSYSFPKPGHRKSSPAQGNRQESTVSFNPYEPELA PWAADKGPQREALPMDTEVYE- SPYADPEEIRPKEVYLDKLLTLEDKELGSGNFGTV KKGYYQMKKVVKTVAVKILKNEANDPALKDELLAE- ANVMQQLDNPIYIRMGICEAES WMLVMEMAELGPLNKY-
Source	HEK 293 cells.
Physical Appearance and Stability	Sterile filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Please avoid freeze thaw cycles.
Formulation and Purity	SYK protein is supplied in 50mM Tris pH 7.5, 300mM NaCl and 10% Glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**