

Recombinant Human ZAP70, GST-tagged

Cat. No. ZAP70-3777H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ZAP70 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	235-393aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

Gene Name	ZAP70 zeta-chain (TCR) associated protein kinase 70kDa [Homo sapiens]
Official Symbol	ZAP70
Synonyms	ZAP70; zeta-chain (TCR) associated protein kinase 70kDa; SRK, zeta chain (TCR) associated protein kinase (70 kD); tyrosine-protein kinase ZAP-70; STD; ZAP 70; syk-related tyrosine kinase; 70 kDa zeta-associated protein; 70 kDa zeta-chain associated protein; zeta-chain associated protein kinase, 70kD; SRK; TZK; ZAP-70;

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	FLJ17670; FLJ17679;
Gene ID	7535
mRNA Refseq	NM_001079
Protein Refseq	NP_001070
UniProt ID	P43403
Chromosome Location	2q11-q13
Pathway	Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Generation of second messenger molecules, organism-specific biosystem; Immune System, organism-specific biosystem; Inflammatory Response P
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity; protein tyrosine kinase activity; protein tyrosine kinase activity;