

Recombinant Human ZAP70

Catalog No: #GP13420



Package Size: #GP13420-1 100ug

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Description

Product Name	Recombinant Human ZAP70
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 420-619 amino acids of human ZAP70
Target Name	zeta chain of T cell receptor associated protein kinase 70
Other Names	SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70
Accession No.	Swissprot:P43403Gene Accession:BC039039
Uniprot	P43403
GeneID	7535;
Storage	-20~-80°C, pH 7.6 PBS

Background

This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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