OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TP526660

Zap70 (NM_009539) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse zeta-chain (TCR) associated protein kinase (Zap70), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR226660 representing NM_009539 Red=Cloning site Green=Tags(s) MPDPAAHLPFFYGSISRAEAEEHLKLAGMADGLFLLRQCLRSLGGYVLSLVHDVRFHHFPIERQLNGTYA IAGGKAHCGPAELCQFYSQDPDGLPCNLRKPCNRPPGLEPQPGVFDCLRDAMVRDYVRQTWKLEGDALEQ AIISQAPQVEKLIATTAHERMPWYHSSLTREEAERKLYSGQQTDGKFLLRPRKEQGTYALSLVYGKTVYH YLISQDKAGKYCIPEGTKFDTLWQLVEYLKLKADGLIYRLKEVCPNSSASAAVAAPTLPAHPSTFTQPQR RVDTLNSDGYTPEPARLASSTDKPRPMPMDTSVYESPYSDPEELKDKKLFLKRENLLVADIELGCGNFGS VRQGVYRMRKKQIDVAIKVLKQGTEKADKDEMMREAQIMHQLDNPYIVRLIGVCQAEALMLVMEMAGGGP LHKFLLGKKEEIPVSNVAELLHQVAMGMKYLEEKNFVHRDLAARNVLLVNRHYAKISDFGLSKALGADDS YYTARSAGKWPLKWYAPECINFRKFSSRSDVWSYGVTMWEAFSYGQKPYKKMKGPEVLDFIKQGKRMECP PECPPEMYALMSDCWIYKWEDRPDFLTVEQRMRNYYYSLASRAEGPPQCEQVAEAACG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	70.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

View online »

RefSeq:	NP_033565
Locus ID:	22637
UniProt ID:	P43404
RefSeq Size:	2180
Cytogenetics:	1 15.41 cM
RefSeq ORF:	1854
Synonyms:	mrtle; mur; S; Srk; ZAP-; ZAP-70
Summary:	This gene encodes a member of the protein tyrosine kinase family. The encoded protein is essential for development of T lymphocytes and thymocytes, and functions in the initial step of T lymphocyte receptor-mediated signal transduction. A mutation in this gene causes chronic autoimmune arthritis, similar to rheumatoid arthritis in humans. Mice lacking this gene are deficient in alpha-beta T lymphocytes in the thymus. In humans, mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T lymphocytes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]