

Product datasheet for **SC205150**

ZAP70 (NM_001079) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: ZAP70 (NM_001079) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ZAP70
Synonyms: ADMIO2; IMD48; SRK; STCD; STD; TZK; ZAP-70
ACCN: NM_001079
Insert Size: 392 bp
Insert Sequence: >SC205150 3'UTR clone of NM_001079

The sequence shown below is from the reference sequence of NM_001079. The complete sequence of this clone may contain minor differences, such as SNPs.

Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACACAGAAGGCTGAGGCTGCCTGTGCCGTAGCTCCCGCTGCCAGGGGAGCCCTCCACGCCGGCTCTTC
CCCACCCTCAGCCCCACCCAGGTCCTGCAGTCTGGCTGAGCCCTGCTTGGTTGTCTCCACACACAGCT
GGGCTGTGGTAGGGGTGTCTCAGGCCACACCGGCCTTGCAATTGCCTGCCTGGCCCCCTGTCTCTCTG
GCTGGGGAGCAGGGAGGTCCGGGAGGGTGC GGCTGTGCAGCCTGTCTGGGCTGGTGGCTCCCGGAGGG
CCCTGAGCTGAGGGCATTGCTTACACGGATGCCTTCCCCTGGGCCCTGACATTGGAGCCTGGGCATCCT
CAGGTGGTCAGGCGTAGATCACCAGAATAAACCCAGCTTCCCTCTTG
ACGCGTAAGCGGCCGCGCATCTAGATTGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
```

Restriction Sites: Sgfl-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: [NM_001079.4](#)



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Summary:

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. [provided by RefSeq, Jul 2008]

Locus ID:

7535

MW:

13.1