

Native Human SRC

Cat. No. SRC-29697TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Fusion protein, corresponding to amino acids 84-145 of Human Src and proprietary protein, approximately 33kDa.
Species	Human
Source	E.coli
ProteinLength	84-145 a.a.
Description	This gene is highly similar to the v-src gene of Rous sarcoma virus. This proto-oncogene may play a role in the regulation of embryonic development and cell growth. The protein encoded by this gene is a tyrosine-protein kinase whose activity can be inhibited by phosphorylation by c-SRC kinase. Mutations in this gene could be involved in the malignant progression of colon cancer. Two transcript variants encoding the same protein have been found for this gene.
Form	Lyophilised:Reconstitute within H2O bid.
Purity	Immunogen affinity purified
Storage buffer	Preservative: None Constituents: 50mM Potassium phosphate, 20mM Sodium chloride, pH 6.5
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequence Similarities Belongs to the protein kinase superfamily. Tyr protein kinase family. SRC subfamily. Contains 1 protein kinase domain. Contains 1 SH2 domain. Contains 1 SH3 domain.

GENE INFORMATION

Gene Name SRC v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian) [Homo sapiens]

Official Symbol SRC

Synonyms SRC; v-src sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog (avian); SRC1, v src avian sarcoma (Schmidt Ruppin A 2) viral oncogene homolog; proto-oncogene tyrosine-protein kinase Src; ASV; c src;

Gene ID 6714

mRNA Refseq NM_005417

Protein Refseq NP_005408

MIM 190090

Uniprot ID P12931

Chromosome Location 20q12-q13

Pathway ADP signalling through P2Y purinoceptor 1, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adherens junction, organism-specific biosystem; Adherens junction, conserved biosystem; Alpha-synuclein signaling,

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organism-specific biosystem;

Function

ATP binding; SH2 domain binding; SH3/SH2 adaptor activity; ephrin receptor binding;
heme binding;

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