

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: NoneConstituents: 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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