

Recombinant Human SRC, GST-tagged

Cat. No. SRC-3824H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SRC was expressed as gst-tagged fusion protein by E.Coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	False
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.
AA Sequence	C-term-350aa
Storage	The protein is stored in PBS buffer at -20 oC. Repeated freeze-thaw cycles should be avoided.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

GENE INFORMATION

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Gene Name	SRC v-src avian sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog [Homo sapiens (human)]
Official Symbol	SRC
Synonyms	SRC; ASV; SRC1; c-SRC; p60-Src; v-src avian sarcoma (Schmidt-Ruppin A-2) viral oncogene homolog; proto-oncogene tyrosine-protein kinase Src; proto-oncogene c-Src; tyrosine kinase pp60c-src; tyrosine-protein kinase SRC-1; protooncogene SRC, Rous sarcoma; NP_005408.1; EC 2.7.10.2; NP_938033.1
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; AGE/RAGE pathway; Alpha-synuclein signaling
Function	ATP binding; SH3/SH2 adaptor activity; ephrin receptor binding

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