# Recombinant Human SRC, GST-tagged

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

## SPECIFICATION

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| **Product Overview** | Recombinant Human SRC was expressed as gst-tagged fusion protein by E.Coli and puri?ed 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 bu?er at -20 oC. Repeated freeze-thaw cycles should be avoided. |
| **Storage Buffer** | 1M PBS (58mM Na2HPO4,17mM NaH2PO4, 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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