

Recombinant Human SRC Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SRC-1923H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SRC MS Standard C13 and N15-labeled recombinant protein (NP_938033) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	59.7 kDa
AA Sequence	MGSNKS KPKDASQRRRSLEPAENVHGAGGGAFPASQTPSKPASADGHRGPSAAF APAAAE PKLFGGFNSSDTVTSPQRAGPLAGGVTTFVALYDYESRTETDLSFKKGER LQIVNNT EGDWWLAHSLSTGQTGYIPSNYVAPSDSIQAE EWYFGKITRRESERLLL N AENPRGT FLVRESETTKGAYCLSVSDFDNAKGLNVKHYKIRKLDSGGFYITSRTQFN SLQQLVAYYSKHADGLCHRLTTVCPTSKPQTQGLAKDAWEIPRESLRLEV KLGQGC FGEVWMGTWNGTTRVAIKTLKPGTMSPEAFLQEAQVMKKLRHEKLVQLYAVVSEE PIYIVTEYMSKGSLLDFLKGETGKYLRLPQLVDMAAQIASGMAYVERMNYVHRDLRA

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ANILVGENLVCKVADDFGLARLIEDNEYTARQGAKFPIKWTAPEAALYGRFTIKSDVWS
FGILLTELTTKGRVPYPGMVNREVLQDQVERGYRMPCPPECPESLHDLMCQCWRKE
PEERPTFEYLQAFLEDYFTSTEPQYQPGENLTRTRPLEQKLISEEDLAANDILDYKDD
DDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name SRC SRC proto-oncogene, non-receptor tyrosine kinase [Homo sapiens (human)]

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; proto-oncogene c-Src; tyrosine kinase pp60c-src; tyrosine-protein kinase SRC-1; protooncogene SRC, Rous sarcoma; SRC1; c-SRC; p60-Src;

Gene ID 6714

mRNA Refseq NM_198291

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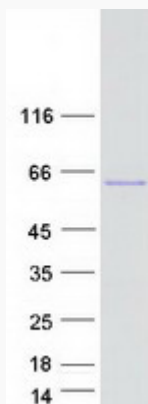
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Protein Refseq [NP_938033](#)

MIM [190090](#)

UniProt ID [P12931](#)

SDS-PAGE



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