

## Active Recombinant Mouse Src protein(Met1-Leu535), His&GST-tagged

Cat. No. Src-907M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse SRC (NP_001020566.111) (Met 1-Leu 535) was expressed in Insect Cells, fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
<b>Species</b>	Mouse
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	Met1-Leu535
<b>Form</b>	Supplied as sterile 20mM Tris, 500mM NaCl, 10% gly, pH 8.0.
<b>Bio-activity</b>	1. The specific activity was determined to be 80 nmol/min/mg using poly [Glu, Tyr] 4:1 as substRate. 2. Measured by its binding ability in a functional ELISA. Immobilized recombinant Mouse SRC at 2 µg/ml (100 µl/well) can bind biotinylated human PTPRA (aa 174-793) with a linear range of 0.032-0.8 µg/ml.
<b>Molecular Mass</b>	The recombinant mouse SRC/GST chimera consists of 773 amino acids and has a calculated molecular mass of 87.7 kDa. It migRates as an approximately 80 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU per µg of the protein as determined by the LAL method
<b>Purity</b>	> 90 % as determined by SDS-PAGE

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

**Storage** Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

**Reconstitution** It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

## GENE INFORMATION

**Gene Name** Src Rous sarcoma oncogene [ *Mus musculus* ]

**Official Symbol** Src

**Synonyms** SRC; Rous sarcoma oncogene; neuronal proto-oncogene tyrosine-protein kinase Src; p60-Src; proto-oncogene c-Src; AW259666; pp60c-src;

**Gene ID** 20779

**mRNA Refseq** NM\_001025395

**Protein Refseq** NP\_001020566

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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