

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

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

SPECIFICATION

Product Overview	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.
Species	Mouse
Source	Insect Cells
ProteinLength	Met1-Leu535
Form	Supplied as sterile 20mM Tris, 500mM NaCl, 10% gly, pH 8.0.
Bio-activity	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.
Molecular Mass	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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE

 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

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

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