

## Src Protein, Mouse (sf9, His-GST)

Cat. No.:	HY-P73423
Synonyms:	Proto-oncogene tyrosine-protein kinase Src; Src; p60-Src; SRC1
Species:	Mouse
Source:	Sf9 insect cells
Accession:	P05480-2 (M1-L535)
Gene ID:	20779
Molecular Weight:	Approximately 80 kDa

### PROPERTIES

Biological Activity	1. The specific activity was determined to be > 50 nmol/min/mg using poly [Glu, Tyr] 4:1 as substrate. 2. Measured by its binding ability in a functional ELISA. Immobilized 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.
Appearance	Solution.
Formulation	Supplied as sterile 20 mM Tris, 500 mM NaCl, 10% glycerol, pH 8.0
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

### DESCRIPTION

Background	Src, a non-receptor protein tyrosine kinase, exhibits a distinctive capability for phosphorylating synaptophysin with high affinity.
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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