



Recombinant Mouse Neuronal proto-oncogene tyrosine-protein kinase Src (Src)

Product Code	CSB-EP022650MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P05480
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	<p>GSNKSKPKDASQRRRSLEPSENVHGAGGAFPASQTPSKPASADGHRGPSAA FVPPAAEPK LFGGFNSSDVTVTSPQRAGPLAGGVTTFFVALYDYESRTETDLSFKKGERLQIVN NTRKVDV REGDWLWLAHSLSTGQGTGYIPSNYVAPSDSIQAEWYFGKITRRESERLLLNAE NPRGTFL VRESETTKGAYCLSVSDFDNAKGLNVKHYKIRKLDSSGGFYITSRTQFNSLQQL VAYYSKH ADGLCHRLTTVCPTSKPQTQGLAKDAWEIPRESLRLEVKLGQGCFCGEVWMGT WNGTTRVA IKTLKPGTMSPEAFLQEAQVMKKLRHEKLVQLYAVVSEPIYIVTEYMNKGSLL DFLKGE TGKYLRLPQLVDMSAQIASGMAYVERMNYVHRDLRAANILVGENLVCKVADF GLARLIED NEYTARQGAKFPIKWTAPEAALYGRFTIKSDVWSFGILLTELTKGRVPYPMV NREVLN QVERGYRMPCPPECPELHDLMCQCWRKEPEERPTFEYLQAFLEDYFTSTEP QYQPGENL</p>
Source	E.coli
Target Names	Src
Protein Names	Recommended name: Neuronal proto-oncogene tyrosine-protein kinase Src EC= 2.7.10.2 Alternative name(s): Proto-oncogene c-Src pp60c-src Short name= p60-Src
Expression Region	2-541
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	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. This protein 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.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.