

Active Recombinant Mouse CSK Protein, GST & His-tagged

Cat. No. CSK-925M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse CSK (P41241?) (Met 1-Leu 450) was fused with the N-terminal polyhistidine-tagged GST tag at the N-terminus.
Species	Mouse
Source	Insect Cells
ProteinLength	1-450 a.a.
Predicted N Terminal	Met
Form	Supplied as sterile 20mM Tris, 500mM NaCl, pH 8.0, 10% glycerol.
Bio-activity	The specific activity was determined to be 70 nmol/min/mg using Poly(Glu,Tyr) 4:1 as substrate.
Molecular Mass	The secreted recombinant mouse CSK/GST chimera consists of 687 amino acids and has a calculated molecular mass of 78.5 kDa. The recombinant protein migrates as an approximately 65 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>85 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.

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Storage

Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

GENE INFORMATION
Gene Name

Csk c-src tyrosine kinase [*Mus musculus*]

Official Symbol

CSK

Synonyms

CSK; c-src tyrosine kinase; tyrosine-protein kinase CSK; p50CSK; C-Src kinase; protein-tyrosine kinase MPK-2; AW212630;

Gene ID

12988

mRNA Refseq

NM_007783

Protein Refseq

NP_031809

MIM
UniProt ID
Pathway

Adaptive Immune System, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Costimulation by the CD28 family, organism-specific biosystem; Disease, organism-specific biosystem; EGFR1 Signaling Pathway, organism-spe

Function

ATP binding; kinase activity; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; proline-rich region binding; protein binding; protein kinase activity; protein phosphatase binding; protein tyrosine kinase activity; protein tyrosin

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