

## Recombinant Human C-Src Tyrosine Kinase, GST-tagged

Cat. No. CSK-388H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant humanCSK containing amino acids M1-L450, N-terminally fused to GST-HIS6-Thrombin cleavage site.
<b>Species</b>	Human
<b>Source</b>	Sf9 Cells
<b>ProteinLength</b>	1-450 a.a.
<b>Description</b>	C-src tyrosinekinase, also known as CSK, is a human protein and gene. It includes an SH2domain, an SH3 domain, and a tyrosine kinase domain. This proteinspecifically phosphorylates Tyr-504 residue on human leukocyte-specificprotein tyrosine kinase, which acts as a negative regulatory site. It mayalso act on the LYN and FYN kinases.
<b>Form</b>	Liquid in 50 mMTris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione + 20%glycerol.
<b>Molecular Weight</b>	80.2 kDa
<b>Concentration</b>	0.722 mg/ml
<b>OfficialSymbol</b>	CSK

### GENE INFORMATION

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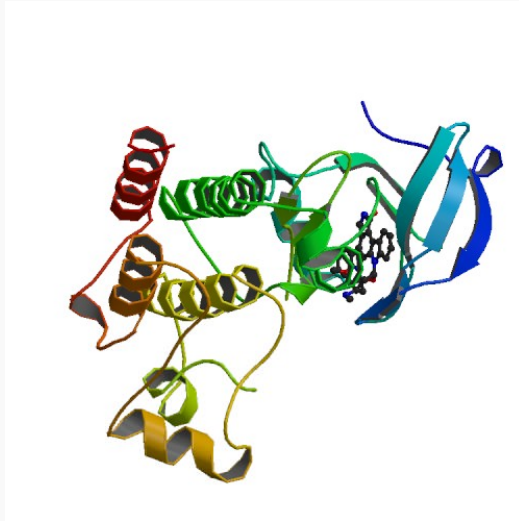
<b>Gene Name</b>	CSK c-src tyrosine kinase [ Homosapiens ]
<b>Synonyms</b>	CSK; c-src tyrosinekinase; MGC117393; tyrosine-protein kinase CSK; C-Src kinase; OTTHUMP00000183471;protein-tyrosine kinase CYL; EC 2.7.10; EC 2.7.10.2
<b>Gene ID</b>	1445
<b>mRNA Refseq</b>	NM_004383
<b>Protein Refseq</b>	NP_004374
<b>MIM</b>	124095
<b>UniProt ID</b>	P41240
<b>Chromosome Location</b>	15q24.1
<b>Pathway</b>	Adaptive ImmuneSystem; B Cell Receptor Signaling Pathway; BCR signaling pathway;CXCR4-mediated signaling events; Costimulation by the CD28 family; EGFR1Signaling Pathway; Epithelial cell signaling in Helicobacter pyloriinfection; GAB1 signalosome; Hemostasis; Integrin cell surface interactions;PD-1 signaling; Platelet activation, signaling and aggregation; SignalTransduction; Signaling events mediated by PTP1B; TCR signaling in naive CD4+T cells
<b>Function</b>	ATP binding;non-membrane spanning protein tyrosine kinase activity; nucleotide binding;proline-rich region binding; protein C-terminus binding; protein binding;protein phosphatase binding; protein tyrosine kinase activity; proteintyrosine phosphatase activity

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PDB rendering  
based on 1byg.



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