

Recombinant Human C-Src Tyrosine Kinase, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant humanCSK containing amino acids M1-L450, N-terminally fused to GST-HIS6-Thrombincleavage site.
Species	Human
Source	Sf9 Cells
ProteinLength	1-450 a.a.
Description	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.
Form	Liquid in 50 mMTris-HCl, pH 8.0 + 100 mM NaCl + 5 mM DTT + 15 mM reduced glutathione + 20%glycerol.
Molecular Weight	80.2 kDa
Concentration	0.722 mg/ml
OfficialSymbol	CSK

GENE INFORMATION

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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

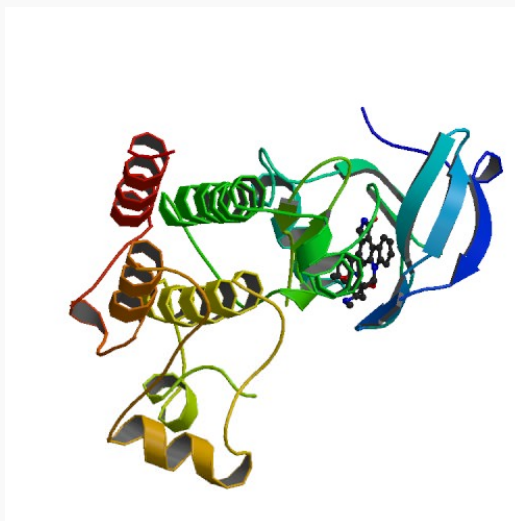
Gene Name	CSK c-src tyrosine kinase [Homosapiens]
Synonyms	CSK; c-src tyrosinekinase; MGC117393; tyrosine-protein kinase CSK; C-Src kinase; OTTHUMP00000183471;protein-tyrosine kinase CYL; EC 2.7.10; EC 2.7.10.2
Gene ID	1445
mRNA Refseq	NM_004383
Protein Refseq	NP_004374
MIM	124095
UniProt ID	P41240
Chromosome Location	15q24.1
Pathway	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
Function	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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