

C-Src Tyrosine Kinase Human Recombinant

Item Number	rAP-1694
Synonyms	Tyrosine-protein kinase CSK, C-Src kinase, Protein-tyrosine kinase CYL, CSK, C-Src Tyrosine Kinase.
Description	CSK Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 473 amino acids (1-450) and having a molecular mass of 53.1 kDa. The CSK is fused to a 23 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.
Uniprot Accession Number	P41240
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMSAIQAA WPSGTECIAK YNFHGTAEQD LPFCKGDVLT IVAVTKDPNW YKAKNKVGRE GIIPANYVQK REGVKAGTKL SLMPWFHGKI TREQAERLLY PPETGLFLVR ESTNYPGDYT LCVSCDGKVE HYRIMYHASK LSIDEVYFE NLMQLVEHYT SDADGLCTRL IKPKVMEGTV AAQDEFYRSG WALNMKELKL LQTIGKGEFG DVMLGDYRGN KVAVKCIKND ATAQAFLAEA SVMTQLRHSN LVQLLGIVIVE EKGGLYIVTE YMAKGSLVDY LRS- RGRSVLG GDCLLKFSLD VCEAMEYLEG NNFVHRDLAA RNVLVSEDNV AKVSDFGLTK EASSTQDTGK LPVKWTAPEA LREKKFSTKS DVWSFGILLW EISYFGRVPY PRIPLKDVVP RVEKGYKMDA PDGCP- PAVYE VMKNCWHLDA AMRPSFLQLR EQLEHIKTHE LHL.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	CSK protein (0.5mg/ml) is containing Phosphate Buffered Saline (pH 7.4), 20% glycerol and 1mM DTT. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**