

Name: Recombinant protein of human c-src tyrosine kinase (CSK), transcript variant 1

Catalog: TP310758

Product Data Sheet

Gene Name: Homo sapiens c-src tyrosine kinase (CSK), transcript variant 1
GenBank accession: NM_004383

Description: Recombinant protein of human c-src tyrosine kinase (CSK), transcript variant 1

Protein Gel Analysis Data:

Amount: 20 ug

Buffer and Storage: 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Source: Recombinant protein was produced with TrueORF clone, [RC210758](#), encoding the full-length human CSK with C-terminal DDK tag, from human HEK293 cells.

Protein Accn: NP_004374

Gene Synonym: MGC117393

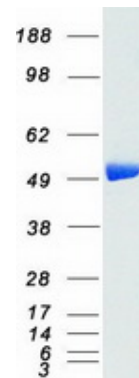
Predicted molecular weight: 50.5 kDa

Tags: C-terminal MYC/DDK

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining.

Concentration: >50 ug/mL as determined by microplate BCA method

BioActivity: CSK activity verified in a biochemical assay: **CSK (c-src tyrosine kinase) (TP310758)** activity was measured in a homogeneous time-resolved fluorescent (HTRF®) assay. CSK is a tyrosine kinase known to phosphorylate LCK, FYN and LYN. Varying concentrations of CSK were added to a reaction mix containing ATP and a biotinylated kinase substrate and the reaction mixture was incubated to allow the protein to phosphorylate the tyrosine residue in the substrate. HTRF detection reagents were then added, and the time-resolved fluorescent signal was measured on a Flexstation 3 microplate reader. The time resolved fluorescent signal is expressed as "delta R" or "ΔR" and is a ratio calculated from the fluorescent emission intensities of the donor and acceptor fluors.



Purified recombinant protein CSK was analyzed by SDS-PAGE gel and Coomassie Blue Staining.

This product is for research and development use only. Not for use in human.

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