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Recombinant human CSK protein

Catalog Number: ATGP2842

PRODUCT INFORMATION

Expression system
E.coli

Domain
1-450aa

UniProt No.
P41240

NCBI Accession No.
NP_001120662.1

Alternative Names
Tyrosine-protein kinase CSK, Tyrosine-protein kinase CSK, C-Src kinase, Protein-tyrosine kinase CYL, Tyrosine protein kinase CSK

PRODUCT SPECIFICATION

Molecular Weight
53.1 kDa (473aa)

Concentration
0.5mg/ml (determined by Bradford assay)

Formulation
Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 20% glycerol, 1mM DTT

Purity
> 95% by SDS-PAGE

Tag
His-Tag

Application
SDS-PAGE

Storage Condition
Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description
CSK is a tyrosine-protein kinase CSK that plays an important role in the regulation of cell growth, differentiation, migration and immune response. Suppresses signaling by various surface receptors, including T-cell receptor (TCR) and B-cell receptor (BCR) by phosphorylating and maintaining inactive several positive effectors such as FYN or LCK.. Recombinant human CSK protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

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Amino acid Sequence

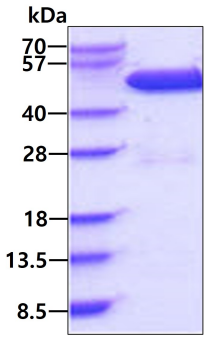
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General References

Braeuninger A., et al. (1991) Proc. Natl. Acad. Sci. u.S.A. 88:10411-10415

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.