Creative Enzymes®

Hck from Human, Recombinant

Cat. No. NATE-0334

Lot. No. (See product label)

Introduction

Description	Hck is a member of the Src family of non-receptor associated protein tyrosine kinases (PTK). Hck has been shown to associate with and be activated by Bcr-Abl, which is a protein-tyrosine kinase that is expressed in chronic myelogenous leukemia.
Synonyms	Hck; HCK; tyrosine-protein kinase HCK; JTK9; p59Hck; p61Hck

Product Information

Species	Human
Source	Baculovirus infected insect cells
Form	buffered aqueous glycerol solution; Solution in 50 mM Tris pH 7.5, containing 0.05 mM EDTA, 1mM DTT, 100 mM NaCl, 0.05% NP-40, and 50% glycerol.
Molecular Weight	mol wt 58 kDa
Pathway	Alpha-synuclein signaling, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; CXCR4-mediated signaling events, organism-specific biosystem; Chemokine signaling pathway, organism-specific biosystem; Chemokine signaling pathway, conserved biosystem; Class I PI3K signaling events, organism-specific biosystem; Cytokine Signaling in Immune system, organism-specific biosystem
Function	ATP binding; non-membrane spanning protein tyrosine kinase activity; nucleotide binding; protein binding; protein tyrosine kinase activity
Unit Definition	One unit will transfer 1 nanomole of phosphate per minute using polyE4Y as the substrate at pH 7.5 at 30°C

Storage and Shipping Information

Storage	−70°C