Recombinant Mouse PAK3 (N-GST tag)

Cat No:HR2R2210

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PAK3
Gene ID	N/A
Accession	NM_008778
Alternative Name	Stk4, mPAK-3, Pak65beta, Pak65alpha
Species	Mouse
Source	Insect cells
Description	PAK3 is a member of the family of serine/threonine p21-activating kinases that serve as targets for the small GTP binding proteins Cdc42 and RAC . The PAK family of proteins have been implicated in a wide range of biological activities and are critical effectors that link Rho GTPases to cytoskeleton reorganization and nuclear signaling. PAK3 seems to be necessary for dendritic development and for the rapid cytoskeletal reorganization in dendritic spines associated with synaptic plasticity. A point mutation in PAK3 gene has been linked to nonsyndromic X-linked mental retardation .
Functions	The specific activity of PAK3 was determined to be 259 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	89
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.