

Recombinant Human PAK6 (N-GST tag) Cat No:HR2R1824

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PAK6
Gene ID	N/A
Accession	NM_020168
Alternative Name	PAK5
Species	Human
Source	
Description	PAK6 is a Ser/Thr protein kinase that is a member of the PAK (p21-activated kinase) family that are implicated in the regulation of a number of cellular processes, including cytoskeleton rearrangement, apoptosis and the MAP kinase signaling pathway. PAK6 is highly expressed in the testis and prostate tissues and interacts with the androgen receptor (AR). In response to androgen, PAK6 cotranslocate into the nucleus with AR . PAK6 is weakly expressed in normal prostate epithelium but the expression is increased in primary and metastatic prostate cancer cells and is further increased in tumors that relapse after androgen deprivation therapy .?
Functions	The specific activity of PAK6 was determined to be 137 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	110
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.