

Recombinant Human PEAK1 (N-GST tag)

Cat No:HR2R1844

For research use only

Overview

Quantity	10 ?g
Gene Symbol	PEAK1
Gene ID	N/A
Accession	NM_024776
Alternative Name	SGK269
Species	Human
Source	Insect cells
Description	PEAK1 or Pseudopodium-enriched atypical kinase 1 is a protein tyrosine kinase which belongs to NKF3 kinase family and regulates the cytoskeleton and has been shown to be involved in cancer progression . PEAK1 promotes anchorage-independent growth in the MDA-MB-435 human cancer cell line and promotes tumor progression of XPA-1 human pancreatic cancer cells when transplanted into the pancreas of nude mice. PEAK1 is highly expressed in spleen, followed by heart, ovary, brain, lung, kidney, and fetal brain .
Functions	The specific activity of PEAK1 was determined to be6 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	100
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.