

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 be 6 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.