Recombinant Human DRAK1 (STK17A) (N-GST tag)

Cat No:HR2R1329

For research use only

Overview

Quantity	10 ?g
Gene Symbol	DRAK1 (STK17A)
Gene ID	N/A
Accession	NM_004760
Alternative Name	DRAK1; STK17A
Species	Human
Source	Insect cells
Description	DRAK1 (STK17A) is a member of the DAP kinase-related apoptosis-inducing protein kinase family. DRAK1 encodes an autophosphorylated nuclear protein with a protein kinase domain which has apoptosis-inducing activity. DRAK1 is capable of autophosphorylation and of phosphorylating myosin light chain as an exogenous substrate. The noncatalytic C terminus of DRAK1 is crucial for full kinase activity . DRAK1 is highly expressed in placenta, but also in heart, lung, skeletal muscle, kidney, and pancreas. DRAK1 act as a novel direct target of p53 and a modulator of cisplatin toxicity and reactive oxygen species in testicular cancer cells .
Functions	The specific activity of DRAK1 (STK17A) was determined to be 8.5 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	83
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.