Recombinant Mouse HIPK2 (N-GST tag)

Cat No:HR2R2136

For research use only

Overview

Quantity	10 ?g
Gene Symbol	HIPK2
Gene ID	N/A
Accession	BC031904
Alternative Name	Stank; 1110014O20Rik; B230339E18Rik
Species	Mouse
Source	Insect cells
Description	?HIPK2 is a conserved serine/threonine nuclear kinase that interacts with homeodomain transcription factors. HIPK2 enhances expression of p53 target genes that resulting in growth arrest and the enhancement of UV-induced apoptosis that could be inhibited by antisense to HIPK2 . HIPK2 as a target for MDM2 mediated ubiquitin-dependent degradation that only occurred in growth-arresting conditions when MDM2 was efficiently induced by p53 . The knockdown of HIPK2 using small interfering RNA reduced p53 binding and activation of p53R2 that resulting in impaired UV-induced DNA repair.
Functions	The specific activity of HIPK2 was determined to be 110 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	72
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.