

Recombinant Human NEK8 (N-GST tag)

Cat No:HR2R1788

For research use only

Overview

Quantity	10 ?g
Gene Symbol	NEK8
Gene ID	N/A
Accession	NM_178170
Alternative Name	JCK; NEK12A; NPHP9; RHPD2
Species	Human
Source	Insect cells
Description	NEK8 or NIMA-related kinase 8 is a member of the serine/threonine protein kinase family related to NIMA (never in mitosis, gene A) of <i>Aspergillus nidulans</i> which may play a role in cell cycle progression from G2 to M phase. NEK8 is part of a complex of ciliary proteins required for renal and cardiovascular development . NEK8 interacts with polycystin signal transduction pathways and may control the targeting of these ciliary proteins .
Functions	The specific activity of NEK8 was determined to be 6nmol/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	66
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.