

Recombinant Human NEK2 (N-GST tag)

Cat No:HR2R1782

For research use only

Overview

Quantity	10 ?g
Gene Symbol	NEK2
Gene ID	N/A
Accession	NM_002497
Alternative Name	NLK1; HsPK21; NEK2A
Species	Human
Source	Insect cells
Description	NEK 2 is closely related in its catalytic domain to the serine/threonine protein kinase NIMA of <i>Aspergillus nidulans</i> that is required for entry into mitosis and may function in parallel to the universal mitotic inducer p34cdc2. Like NIMA, the NEK2 protein is almost undetectable during G1 but accumulated progressively throughout S, reaching maximal levels in late G2 . NEK2 is shown to be expressed most abundantly in the testis of the adult tissues examined being localized to the nucleus .
Functions	The specific activity of NEK2 was determined to be 269 nmol /min/mg as per activity assay protocol.
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM EGTA, 0.1mM EDTA, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	76
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.