

Recombinant Human TNIK (N-GST tag)

Cat No:HR2R2028

For research use only

Overview

Quantity	10 ?g
Gene Symbol	TNIK
Gene ID	N/A
Accession	NM_015028
Alternative Name	(None)
Species	Human
Source	Insect cells
Description	TNIK or TRAF2 and NCK interacting kinase is characterized by an N-terminal kinase domain and a C-terminal GCK domain that serves a regulatory function. TNIK is mainly expression in brain, heart, and spleen and it is a specific effector of RAP2 which regulate actin cytoskeleton. TNIK is autophosphorylated in a manner dependent upon lys54 in the ATP-binding pocket of its kinase domain and plays a main role in cytoskeleton regulation.
Functions	The specific activity of TNIK was determined to be 68 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	67
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 a recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.