

Recombinant Human WNK2 (N-GST tag)

Cat No:HR2R2071

For research use only

Overview

Quantity	10 ?g
Gene Symbol	WNK2
Gene ID	N/A
Accession	NM_006648
Alternative Name	KIAA1760; NY-CO-43; P/OKcl.13; PRKWNK2; SDCCAG43
Species	Human
Source	Insect cells
Description	WNK2 is a serine/threonine kinase of the WNK (with no lysine (K)) protein kinase subfamily that also include WNK1, 3 and 4. The WNK kinases feature a cysteine residue in place of a lysine residue conserved in subdomain II of most kinases. WNK2 is predominantly expressed in brain, heart muscle, small intestine, and colon. As a tumor suppressor, WNK2 is involved in the modulation of growth factor-induced cancer cell proliferation through the MEK1/ERK1/2 pathway. WNK2 expression was found down-regulated epigenetically by promoter methylation in human gliomas.
Functions	The specific activity of WNK2 was determined to be 2.0 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	100
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.