

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.