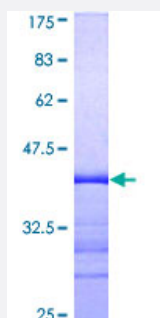


WNK2 (Human) Recombinant Protein (Q01)

Catalog # H00065268-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human WNK2 partial ORF (NP_006639, 2118 a.a. - 2217 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	KGTFDDLHLVDEWTSKTVGAAQLKPTLNQLKQTQKLQDMEAQAGWAAPGEARAMTAPRAG VGMPLPPAPGPLSTTVIPGAAPTLVPTDPPESEKPD
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (75); Rat (75)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — WNK2

Entrez GeneID [65268](#)

GeneBank Accession# [NM_006648](#)

Protein Accession# [NP_006639](#)

Gene Name WNK2

Gene Alias KIAA1760, NY-CO-43, P/OKcl.13, PRKWINK2, SDCCAG43

Gene Description WNK lysine deficient protein kinase 2

Omim ID [606249](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene is a cytoplasmic serine-threonine kinase that contains cysteine in place of the lysine found at the conserved ATP-binding location in subdomain II of protein kinases. Since this protein does have kinase activity, it is possible that another lysine in the kinase subdomain I can substitute for the missing conserved lysine. [provided by RefSeq]

Other Designations mitogen-activated protein kinase kinase kinase|protein kinase, lysine deficient 2|serologically defined colon cancer antigen 43

Disease

- [Cerebral Hemorrhage](#)
- [Chronic Disease](#)
- [Genetic Predisposition to Disease](#)

- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Kidney Diseases](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Tobacco Use Disorder](#)