

Recombinant Human WNK1 Protein, GST-tagged

Cat. No. WNK1-5099H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HSN2 full-length ORF (NP_998820.1, 1 a.a. - 434 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes a member of the WNK subfamily of serine/threonine protein kinases. The encoded protein may be a key regulator of blood pressure by controlling the transport of sodium and chloride ions. Mutations in this gene have been associated with pseudohypoaldosteronism type II and hereditary sensory neuropathy type II. Alternatively spliced transcript variants encoding different isoforms have been described but the full-length nature of all of them has yet to be determined.[provided by RefSeq, May 2010]
Molecular Mass	73.5 kDa
AA Sequence	MYELLVLFMLIQPQSMHAHPCGGTPTYPESQIFFPTIHERPVFSFPPTCPPKVAISQR RKSTSFLEAQTHHFQPLLRTVGQSLPPGGSPNTWTPEAVVMLGTTASRVTGESCE IQVHPMFEPSQVYS DYR PGLVLP EEAHYFIPQEAVYVAGVHYQARVAEQYEGIPYNS SVLSSPMKQIQEKPQVQGGPTSSSVFEFPGQAFLVGHLQNLRLDSGLGPGSPSSSI SAPISTDATRLKFHPVFVPHSAPAVLTHNNESRSNCVFEFHVHTPSSSSGEGGGILP QRVYRNRQVAVDLNQEELPPQSVGLHGYLQPVTEEKHNYHAPELTVSVVEPIGQN WPIGSPEYSSDSSQITSSDP SDFQSPPTGGAAAPFGSDVSMPFIHLPQTVLQESPL

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	FFCFPQGTTSQQVLTASFSSGGSALHPQVIGKLPQLF
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	WNK1 WNK lysine deficient protein kinase 1 [Homo sapiens (human)]
Official Symbol	WNK1
Synonyms	WNK1; WNK lysine deficient protein kinase 1; KDP; PSK; p65; HSN2; HSN2; PRKWNK1; PPP1R167; serine/threonine-protein kinase WNK1; WNK lysine deficient protein kinase 1 isoform; erythrocyte 65 kDa protein; prostate-derived sterile 20-like kinase; protein kinase with no lysine 1; protein phosphatase 1, regulatory subunit 167; serine/threonine-protein kinase WNK1 1; serine/threonine-protein kinase WNK1 2; EC 2.7.11.1
Gene ID	65125
mRNA Refseq	NM_001184985
Protein Refseq	NP_001171914

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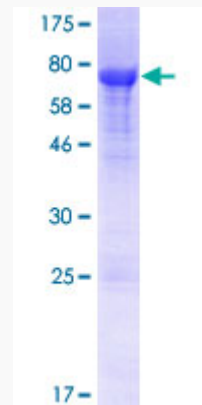
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MIM 605232

UniProt ID Q9H4A3

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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