

# Recombinant Human WNK1 cell lysate

**Cat. No.** WNK1-1933HCL    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

|                       |                                                                                                           |
|-----------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Species</b>        | Human                                                                                                     |
| <b>Description</b>    | The WNK1 gene encodes a cytoplasmic serine-threonine kinase expressed in distal nephron.                  |
| <b>Size</b>           | 100 ul                                                                                                    |
| <b>Storage Buffer</b> | 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue) |
| <b>Applications</b>   | Western Blot;                                                                                             |

## GENE INFORMATION

|                        |                                                                                                                                                                                                                                                                                                                                                                                                         |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | WNK1 WNK lysine deficient protein kinase 1 [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                             |
| <b>Official Symbol</b> | WNK1                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | WNK1; WNK lysine deficient protein kinase 1; hereditary sensory neuropathy, type II , HSN2, PRKWNK1, protein kinase, lysine deficient 1; serine/threonine-protein kinase WNK1; HSN2; erythrocyte 65 kDa protein; protein kinase with no lysine 1; prostate-derived sterile 20-like kinase; WNK lysine deficient protein kinase 1 isoform; KDP; PSK; p65; HSN2; PRKWNK1; KIAA0344; MGC163339; MGC163341; |

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|                            |                                                                                                                                                     |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>             | 65125                                                                                                                                               |
| <b>mRNA Refseq</b>         | NM_001184985                                                                                                                                        |
| <b>Protein Refseq</b>      | NP_001171914                                                                                                                                        |
| <b>MIM</b>                 | 605232                                                                                                                                              |
| <b>UniProt ID</b>          | Q9H4A3                                                                                                                                              |
| <b>Chromosome Location</b> | 12p13.3                                                                                                                                             |
| <b>Pathway</b>             | EGFR1 Signaling Pathway, organism-specific biosystem;                                                                                               |
| <b>Function</b>            | ATP binding; nucleotide binding; phosphatase binding; protein binding; protein kinase inhibitor activity; protein serine/threonine kinase activity; |

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