

## Recombinant Human WNK4 protein, His-tagged

**Cat. No.** WNK4-8854H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human WNK4 protein(845-1243 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	845-1243 aa
<b>Form</b>	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na <sub>2</sub> HPO <sub>4</sub> , 17 mM NaH <sub>2</sub> PO <sub>4</sub> , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
<b>AASequence</b>	<p>PISSQVSSNPSPHPTSSPLPFSSSTPEFFVPLSQCPWSSLPTTSPPTFSPTCSQVTL  SSPFFPPCPSTSSFPSTTAAPLLSLASAFSLAVMTVAQSLLSPSPGLLSQSPAPPSP  LPSLPLPPPVPAGGQESPSHTAEVESEASPPPARPLPGEARLAPISEEGKPQLVGR  FQVTSSKEPAEPLPLQPTSPTLSGSPKPSTPQLTSESSDTEDSAGGGPETREALAES  DRAAEGLGAGVEEEGDDGKEPQVGGSPQPLSHPSPVWMNYSYSSLCLSSEES  SGEDEFWAEQLSLRQKHLSEVETLQTLQKKEIEDLYSRLGKQPPPGIVAPAAMLSS  RQRRLSKGSFPTSRNSLQRSEPPGPGIMRRNSLSGSSTGSQEQRASKGVTFAGD  VGRM</p>
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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**Storage**

Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

**Reconstitution**

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

**GENE INFORMATION****Gene Name**

WNK4 putative protein kinase WNK4 [ Homo sapiens ]

**Official Symbol**

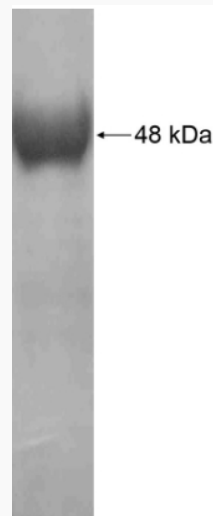
WNK4

**Synonyms**

WNK4; putative protein kinase WNK4;


**Gene ID**

84361

**SDS-PAGE**

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