

Product datasheet for **TP762037**

WNK1 (NM_213655) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Human WNK lysine deficient protein kinase 1 (WNK1), transcript variant 3, Thr104-Ala373, with N-terminal His tag, expressed in E. coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding the region(Thr104-Ala373) of WNK1
Tag:	N-His
Predicted MW:	29.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_998820
Locus ID:	65125
UniProt ID:	Q9H4A3
RefSeq Size:	11208
Cytogenetics:	12p13.33
RefSeq ORF:	1302
Synonyms:	HSAN2; HSN2; KDP; p65; PPP1R167; PRKWNK1; PSK



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Summary:

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]

Protein Families:

Druggable Genome, Protein Kinase

Product images: