

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P83741-5	WNK1_MOUSE	Mus musculus	Isoform 5 of Serine/threonine-protein kinase WNK1	49.649624	NaN	T17;S165;S172;S378;S382;S1256;S1973;S2006;S2007;S2022;S2024;S2027;S2116;S2265;S2281;S2365;S2367	36064721;22645316;22826440;22517741;30016717;36852467;33300544;34887587;36288343;30059200;35822049;26192747;23443134;34678516	MSDGAAEKQSGTPGFLTPPAPVPKN GSSSDSSVGEKLGATVADSGVGRTE EYRRRRHTMDKDSRGA AATTTPTTEH RFFRRSVIDCSNATALELPLPLSIP QPSVPAVVPQSAPPEPHREETLTATV ASQVSQQPSAAASPGEQAVVGSATT TVPSSTSKDRPVSQPSLVGSKEEPPP SRSGSGGGASAKEAQEDRSQQQD DIEELETKAVGMSNDGRFLKFDIEIG RGSFKTVYKGLDTETTVEVAWCELO DRKLTKSERQRFKEEAEMLKGLQHP NIVRFYDSWESTVKGKKCIVLVTEL MTSGTLKTYLKRFKVMKIKVLRSWC RQILKGLQFLHTRTPPIIHRDLKCDN IFITGPTGSVKIGDLGLATLKRASFAK SVIGTPEFMAPEMYEKEYDESVDVY AFGMCMLEMATSEYPYSECQNAAQ IYRRVTSGVKPAFDFKVAIPEVKEIIE GCIRQNKDERYSIKDLLNHAFQEE TGVRELAEEDDGEKIAIKLWLRIED IKKLKGYKDNEAIEFSFDLERDVPE DVAQEMVESGYVCEGDHKTMAKAI KDRVSLIKRKREQRQLVREEQEKRK QEESFKQNEQQASVSQAGIQQLS AASTGIPTAPATSASVSTQVEPEEPE ADQHQQLOYYQPSISVLSDGTIDSG QGSSVFTESRVSSQQTVSYGSQHEQ AHSTGTAPGHTVSSIQASQPHGVY PPSSMAQQNQGPSSSLAGVLSSQ PIQHPQQQGIQPTVPSQQAVQYSLPQ AASSSEGTTAQPVSQPQVSAGTQGF PSRLPPQYPGDSNIAPSSNVASVCIH STVLAPPSMPTEALATQGYFPTVVQP YVESTPLVPMGSGVGGQVQVSQPAVS LTQQPPTSSQQAVLESTQGVSQAA PPEQTPITQSQPTQPVPLVTSADSAH SDVASGMSDGNENAPSSSRHEGR TKRHRYSRVSRSRHEKTSRPKLRI LNVSNGDRVVECQLETHNRKMVT FKFDLDGDNPEEIIATIMVNDFILAI ERESFVAQVREIIEKADEMLSEDVSV EPEGDQGLSLQKDDYGFPGSQKL EGEFKQPIAVSSMPQIQGVPTSSLTQ VVHSAGRRFIVSPVPE SRLRESKVFT SDISDPVFASTSQAPGMNLSHSASS LSLQQAFSELKHGQMTEGPNTAPP NFNH MAGPTFSPFLASIAGVQTVAA STPSVSVPISSPLNDISTSVMQSET ALPTEKGIVGVTSTSTGVVASGGLTT MSVSEPTSSAVSSSTVPAVTVST PSQPVAQSTSGSIASSTGSFPPGTF TTTATTMGSVVAPDAKPPTVLLQV ASNTAGVAIVTSVSTTTPFPGMASQP SLPLSSSTSAPT LAETMVVSAHSLDK ASHSSTAGLGLSFCAPSSSSSSGTAV STSVSQPGMVHPLVISSAVVSTPGLP

QPVVPTSTPLLPQVNPVPLVQPVVN  
VPAVQQTLIHSQPQALLPNQPHTH  
CPEMDADTQSKAPGIDDIKTLEEKLR  
SLFSEHSSSGTQHASVSLETPLVVET  
TVTPGITTTAVAPSKLMTSTTSTCLPP  
TSLPLGAAGMPVMPVGTGQVSTPG  
THASAPVGTATGVKPGTTPPKPTKT  
VPPVGTELSAGTVPCQLPPFPGPSL  
IQPLSTMSSTTVTEAGTRLQKDGTEG  
HVTATSSGAGVVKMGRFQVSVTMD  
DAQKERKNRSEDTKSVHFESSTSES  
SVLSSSSPESTLVKPEPNGISISGISL  
DVPDSTHKAPTPEAKSDAGQPTKVG  
RFQVTTTANKVGRFSVSRTEKDVTE  
LKKEGPVTSPPFRDSEQTVIPAVIPKK  
EKPELAEPShLNGPSSDLEAAFLSR  
GTEDGSGSPHSPHLCCKSLPVQNL  
SQSLSNSFNSSYMSSDNESDIED  
LRLELRRRLREKHLKEIQDLQSRQKH  
EIESLYTKLGKVPVAVIIPPAAPLSGR  
RRRPTKSKGSKSSRSSLGNKSPQL  
SGNLSGQSGTSLHPQQLHPAGNT  
PETGHNQLLQPLKPSSSDNLVSAF  
TSDGAISVPSLSAPGQTSSTNTVGG  
TVSSQAAQAQPPAMTSSRKGFTD  
LHKLVDNWARDAMNLSGRRGSKG  
HMNYEGPGMARKFSAPGQLCVPM  
SNLGGSTPISAASATSLGHFTKSMCP  
PQYGFPPAPFGTQWSGTGGPAPQP  
LGQFQPVGTASLQNFNISNLQKSIS  
NPPGSNLRTT