

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P83741	WNK1_MOUSE	Mus musculus	Serine/threonine-protein kinase WNK1	49.649624	S1229;S1230;S1274;S1282;T1836;T1841;T1843;S1844;S1845;S1858;T1860;T1944;T1945;S2281;T2291;S2292;T2298;S2301;T2306;S2365;S2367;T2376;T2377	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	MSDGAAEKQSGTGPFLTTPAPVPKNGSSSDSSVGEKLGATVADSGVGRTEYRRRRHTMDKDSRGAAMTTTPTEHRRFRSSVICDSNATALEPLPLSIPQPSVPAVVPQSAPPEPHREETLTATVASQVSQQPSAAASPGEQAVVGSATTVPSSSTSKDRPVSPSLVGSKEEPPP SRSGSGSGGASAKEAQEDRSQQDDIEELETKAVGMSNDGRFLKFDIEIGRGSFKTVYKGLDTETTVEVAWCELODRKLTKSERQRFKEEAEMLKGLQHPNIVRFYDSWESTVKGKKCIVLTELMTSGTLKTYLKRFKVMKIKVLRSWC RQILKGLQFLHTRTPPIIHRDLKCDN IFITGPTGSKIGDLGLATLKRASFAK SVIGTPEFMAPEMYEEKYDESVDVY AFGMCMLEMATSEYPYSECQNAAQ IYRRVTSGVKPAFDFKVAIPEVKEIIE GCIRQNKDERYSIKDLLNHAFQEE TGVRVELAEEDDGEKIAIKLWLRIED IKKLGKGYKDNEAIEFSFDLERDVPE DVAQEMVESGYVCEGDHKTMAKAI KDRVSLIKRKRQQRQLVREEQEKRK QEESFQKQNEQQASVSQAGIQQLS AASTGIPTAPATSASVSTQVEPEEPE ADQHQQQLQYQQPSISVLSGDGTIDSG QSSSVFTESRVSSQQTVSYGSSQHEQ AHSTGTAPGHTVSSIAQSQPHGVY PPSSMAQQGNQGGPSSSLAGVLSQQ PIQHPQQQGIQPTVPSQQAVQYSLPQ AASSSEGTTAQPVSQPQVSAGTQLP VSQTVATVQGEPIHIPVSTQPSVVPVH SGAHFLPMGQPIPTSLLPQYVPVSIPI STPHVSTAQTGFSSVPITMAAGINQP LLTLASSATASSIPGGSPVVPNQLPTL LQPVNQLQSQVHPQLLQPTTVQSIGI PANLGQAAEGPLPSGDVLYQGFPSR LPPQYPGDSNIAPSSNVAVCIHSTV LAPPSPMTEALATQGYFPTVVQPYVE STPLVPMGVSQVQVSPAVSLTQ QPPTSSQAVLESTQGVSAAPPE QTPITQSQPTQPVPLVTSADSAHSDV ASGMSDGNENAPSSSRHEGRITK RHYRKSVRSSRHEKTSRPKLRILN VSNKGDRVVECQLETHNRKMMVTFK FDLGDGNPEEIATIMVNNDFILAIER ESFVAQVREIIEKADEMLSEDVSVEP EGDQGLESLQKDDYGFPGSQKLEG EFKQPIAVSSMPQQIGVPTSSLTQVV HSAGRRFIVSPVPESSLRESKVFTSD ISDPVVASTSQAQGMNLSHSASSLSL QQAFSELKHGQMTGPNATAPPNFN HMAGPTFSPLASIAQVQTVAASTPS VSVPTSSPLNDISTSVMQSETALPT EKGIVGVTTTSTGVVASGGLTTMSVS ESPTSSAVSSSTVPAVVTVSTPSQP VQASTSGSIASSTGSFPPGTFSTTTAT TMGSVVAPDAKPPTVLLQQVASNTA GVAIVTSVSTTTPFGMASQPSLPLS SSTSAPTLAETMVSAHSLDKASHS STAGLGLSFCAPSSSSSSTAVSTSV SQPGMVHPLVISSAVVSTPGLPQPVV PTSTPLLPQVPNIPLVQPVVNPVAV QOTLIHSQPQALLPNQPHTHCPEM

DADTQSKAPGIDDIKTLEEKLRSLFS
EHSSSGTQHASVLSLETPLVVETTVP
GITTTAVAPSKLMTSTTSTCLPPTSLP
LGAAGMPVMPVGTGPGQVSTPGTHA
SAPVGTATGVKPGTTPPKPTKTVVPP
VGTELSAGTVPCEQLPPFPGPSLIQS
QQPLEDLDAQLRRTLSPETITVAPAV
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DAQKERKNRSEDTKSVHFESSTSES
SVLSSSSPESTLVKPEPNGISISGISL
DVPDSTHKAPTPEAKSDAGOPTKVG
RFQVTTTANKVGRFVSRTEDKVTE
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EKPELAEPSHLNGPSSDLEAAFLSR
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SNLGGSTPISAASATSLGHFTKSMCP
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LGQFQPVGTASLQNFNISNLQKSI
NPPGSNLRTT