

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
Q14524	SCN5A_HUMAN	Homo sapiens	Sodium channel protein type 5 subunit alpha	20.408916	T1026;S1099	S36;T38;S457;S460;S483;S484;T486;S497;S510;S539;S571;S664;S667;S1503	38253038;29351928;29530619;37217939	MANFLLPRGTSSFRFRFTRESLAAIEK RMAEKQARGSTTLQESREGLPEEEA PRPQLDLQASKKLPDLYGNPPQELIG EPLEDLDPFYSTQKTFIVLNKGGKTF RFSATNALYVLSPPFHPIRRAAVKILV HSLFNMLIMCTILTNCVFMAQHDPP PWTKYVEYTFTAIYTFESLVKILARGF CLHAFTFLRDPWNWLDVSVIIMAYT TEFVDLGNVSALRTFRVLRALKTISVI SGLKTIVGALIQSVKKLADVMVLTVF CLSVFALIGLQLFMGNLRHKCVRNF TALNGTNGSVEADGLVWESLDLYLS DPENYLLKNGTSDVLLCGNSSDAGT CPEGYRCLKAGENPDHGYSFDSFA WAFALFRLMTQDCWERLYQQTLR SAGKIYMIFFMLVIFLGSFYLVNLILA VVAMAYEEQNQATIAETEEKEKRFQ EAMEMLKKEHEALTIRGVDTVSRSS LEMSPLAPVNSHERRSKRRKRMS GTEECGEDRLPKSDESDGPRAMNH LSLTRGLSRTSMKPRSSRGSIFTFRR RDLGSEADFADDENSTAGESESHHT SLLVPWPLRRTSAQGQPSPGTSAPG HALHGKKNSTVDCNGVVSLLGAGD PEATSPGSHLLRPVMLEHPPDTTTP SEEPGGPQMLTSQAPCVDGFEEPGA RQRALSAVSVLTSALEELESRHKCP PCWNRLAQRYLWECPLWMSIKQ GVKLVVMDPFTDLTITMCIVLNTLF MALEHYNMTSEFEEMLQVGNLVFT GIFTAEMTFKIIALDPYFFFQGGWNI FDSIIVILSLMELGLSRMSNLSVLR FRLLRVFKLAKSWPTLNTLIKIIGNS VGALGNLTLVLAIVFIFAVVGMQLF GKNYSELRDSDSGLLPRWHMMDF HAFLIIFRILCGEWIETMWDCMEVS GQSLCLLVFLLVMVIGNLVVNLNFLA LLSSFSADNLTAPDEDREMNLQL ALARIQRGLRFVKRTTWDFCCGLLR QRPQKPAALAAQGQLPSCIATPYSPP PPETEKVPPTRKETRFEEGEQPGQG TPGDPEPVCVPIAESAESDTEEDQ EENSLGTEEESSKQESQPVSGGPE APPDSRTWSQVSATASSEAEASASQ ADWRQQWKAEPQAPGCGETPEDSC SEGSTADMTNTAELLEQIPDLGQDV KDPEDCFTEGCVRRCPCCAVIDTQA PGKVWWRLRKTCYHIVEHSWFETFI IFMILLSSGALAFEDIYLEERKTIKVL LEYADKMFTYVFLVEMLLKVVAYGF KKYFTNAWCWLDLFLVDVSLVSLVA NTLGAEMGPIKSLRTLRLRPLRAL SRFEGMRVVNALVGAIPSIMNVLL VCLIFWLIFSIMGVNLVAGKFGRCIN QTEGDLPLNYTIVNNSQCESLNT

GELYWTKVKVNFNDNVGAGYLALLQV
ATFKGWMDIMYAAVDSRGYEEQPQ
WEYNLYMYIYFVIFIIFGSFFTLNLF
GVIIDNFNQKKKLGQDIFMTEEQ
KKYYNAMKKLGSKKPQKPIRPLNK
YQGFIFDIVTKQAFDVTIMFLICLNM
VTMMVETDDQSPEKINILAKINLLFV
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DFVVVLSIVGTVLSDIIQKYFFSPTLF
RVIRLARIGRILRLIRGAKGIRTLLFAL
MMSLPALFNIGLLLFLVMFIYSIFGM
ANFAYVKWEAGIDDMFNFTFANS
MLCLFQITTSAGWDGLLSPILNTGPP
YCDPTLPNSNGSRGDCGSPAVGILF
FTTYIIISFLIVVNMYIAIILENFSVATE
ESTEPLSEDDFDMFYEIWEKFDPEA
TQFIEYSVLSDFADALSEPLRIAKPN
QISLINMDLPMVSGDRIHCMDILFA
FTKRVLGEGEMDALKIQMEEKFM
AANPSKISYEPITTTLRRKHEEVSAM
VIQRAFRRHLLQRSLKHASFLFRQQ
AGSGLSEEDAPERGLIAYVMSENF
SRPLGPPSSSSISSTSFPPSYDSVTRA
TSDNLQVRGSDYSHSEDLADFPPSP
DRDRESIV