

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P35498	SCN1A_HUMAN	Homo sapiens	Sodium channel protein type 1 subunit alpha	13.589521	NaN	S470;S523;S525;S550;S551;S607;S730;S1516	37217939	MEQTVLVPPGPDSFNFFFTRESLAAIE RRIAEEKAKNPKPDKKDDENGPKP NSDLEAGKNLPFIYGDIPPEMVSEPL EDLDPYYINKKTFIVLNKGKAIKILVHSLFS TSALYILTPFNPLRKAIAIKILVHSLFS MLIMCTILTNCVFMMSNPPDWT NVEYTFGTGTYFESLIKIIARGFCLED FTFLRDPWNWLDFTVITFAYVTEFV DLGNVSALRTFRVLRALKTISVIPGL KTIVGALIQSVKLSVDMILTVFCLSV FALIGLQLFMGNLRNKCIQWPPTNA SLEEHSIEKNITVNYNGTLINETVFE FDWKSQYQDSRYHYFLEGFLDALLC GNSSDAGQCPEGYMCVKAGRPNPY GYTSFDTFSWAFSLFRLMTQDFWE NLYQLTLRAAGKTYMIFVFLVIFLGS FYLINLILAVVAMAYEEQNQATLEEA EQKEAEFQQMIEQLKKQEEAAQQA ATATASEHSREPSAAGRLSDSSSEAS KLSSKSAKERRNRKRKRQKEQSGG EEKDEDEFQKSESEDSIRRKGFRRFSI EGNRLTYEKRYSSPHQSLLSIRGSLF SPRRNSRTSLFSFRGRAKDVGSEND FADDEHSTFEDNESRRDSLFPVPRRH GERRNSNLSQTSRSSLAVFPAN GKMHSTVDCNGVSLVGGPSVPTSP VGQLLPEVIIDKPATDDNGTTTETEM RKRSSSFHVSMDFLEDPSQRQRA MSIASILTNTVEELESRQKCPWCWY KFSNIFLIWDCSPYWLKVKHVNLV VMDPFVDLITICIVLNTLTFMAMEH YPMTDHFNNVLTGVLNFTGIFTAE MFLKIIAMPYFYFQEGWNIFDGFIV TSLVGLANVEGLSVLRSFRLLRV FKLAKSWPTLNMLIKIIGNSVGALGN LTLVLAIVFIFAVVGMQLFGKSYKD CVCKIASDCQLPRWHMNDFFHSFLI VFRVLCGEWIETMWDCMEVAGQA MCLTVFMMVMVIGNLVVNLFLAL LLSSFSADNLAATDDDNEMNNLQIA VDRMHKGVAYVKRKIYEFIQQSFIRK QKILDEIKPLDDLNNKKDSCMSNHT AEIGKDLDYLDVNGTTSGIGTGSSV EKYIIDESDYMSFINNPSLTVTVPIAV GESDFENLNTEDFSSESDLEESKEK LNESSSSSEGSTVDIGAPVEEQPVVE PEETLEPEACFTEGCVQRFKCCQIN VEEGRGKQWWNLRRTCFRIVEHNW FETFIVFMILLSSGALAFEDIYDQRK

TIKTMLEYADKVFTYIFILEMLLKWV  
AYGYQTYFTNAWCWLDLFLVDVSLV  
SLTANALGYSELGAIKSLRTLRLALRP  
LRALSRFEGMRVVVNALLGAIPSIM  
NVLLVCLIFWLIFSIMGVNLFAGKFY  
HCINTTTGDRFDIEDVNNHTDCLKLI  
ERNETARWKNVKVNFNDVGFYLS  
LLQVATFKGWMDIMYAAVDSRNV  
LQPKYEESLMYLYFVIFIIFGSFFTL  
NLFIGVIIDNFNQKKKFGGQDIFM  
TEEQKKYYNAMKKLGSKKPQKPIPR  
PGNKFQGMVDFVTRQVFDISIMILI  
CLNMVTMMVETDDQSEYVTTILSRI  
NLVFIVLFTGECVLKLI SLRHYYFTIG  
WNIFDFV VVILSIVGMFLAELIEKYF  
VSPTLFRVIRLARIGRILRLIKGAKGIR  
TLLFALMMSLPALFNIGLLLFLVMFI  
YAIFGMSNFAYVKREVGIDDMFNFE  
TFGNSMICLFQITTSAGWDGLLAPIL  
NSKPPDCDPNKVNP GSSVKGD CGN  
PSVGIFFFVSYIIISFLVVVNMYIAVIL  
ENFSVATEESAEPLEDDFEMFYEV  
WEKFDPDATQFMFEKLSQFAAALE  
PPLNLPQPNKLQLIAMDLPMVSGDR  
IHCLDILFAFTKRVLGESGEMDALRI  
QMEERFMASNP SKVSYQPITTTLKR  
KQEEVSAVIIQRAYRRHLLKRTVKQA  
SFTYNKNKIKGGANLLIKEDMIIDRI  
NENSITEKTDLT MSTAACPPSYDRVT  
KPIVEKHEQEGKDEKAKGK