	UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochndrion	endoplasmic reticulum	golgi apparatus	plasma membrane	extracellular region
0	A2APX8	SCN1A_MOUSE	Mus musculus	Sodium channel protein type 1 subunit alpha	24.474581	NaN	S470;S523;S525;S550;S551;S607;S730;S1516	33300544	MEQTVLVPPGPDSFNFFTRESLAAIE RRIAEEKAKNPKPDKKDDDENGPKP NSDLEAGKNLPFIYGDIPPEMVSEPL EDLDPYYINKKTFIVLNKGKAIFRFSA TSALYILTPFNPLRKIAIKILVHSLFS MLIMCTILTNCVFMTMSNPPDWTK NVEYTFTGIYTFESLIKIIARGFCLED FTFLRDPWNWLDFTVITFAYVTEFV DLGNVSALRTFRVLRALKTISVIPGL KTIVGALIQSVKKLSDVMILTVFCLSV FALIGLQLFMGNLRNKCVQWPPTN ASLEEHSIEKNITMDYNGTLVNETV FEFDWKSYIQDSRYHYFLEGVLDAL LCGNSSDAGQCPEGYMCVKAGRNP NYGYTSFDTFSWAFLSLFRLMTQDF WENLYQLTLRAAGKTYMIFFVLVIFL GSFYLINLILAVVAMAYEEQNQATLE EAEQKEAEFQQMLEQLKKQQEAAQ QAAATTASEHSREPSAAGRLSDSSS EASKLSSKSAKERRNRRKKRKQKEQ SGGEEKDDDEFHKSESEDSIRRKGF RFSIEGNRLTYEKRYSSPHQSLLSIR GSLFSPRRNSRTSLFSFRGRAKDVG SENDFADDEHSTFEDNESRRDSLFV PRRHGERRNSNLSQTSRSSRMLAVF PANGKMHSTVDCNGVVSLVGGPSV PTSPVGQLLPEVIIDKPATDDNGTTT ETEMRKRRSSSFHVSMDFLEDPSQ RQRAMSIASILTNTVEELEESRQKCP PCWYKFSNIFLIWDCSPYWLKVKHI VNLVVMDPFVDLAITICIVLNTLFMA MEHYPMTEHFNHVLTVGNLVFTGI FTAEMFLKIIAMDPYYYFQEGWNIF DGFIVTLSLVELGLANVEGLSVLRSF RLLRVFKLAKSWPTLNMLIKIIGNSV GALGNLTLVLAIIVFIFAVVGMQLFG KSYKDCVCKIATDCKLPRWHMNDF FHSFLIVFRVLCGEWIETMWDCME VAGQAMCLTVFMMVMVIGNLVVLN LFLALLLSSFSADNLAATDDDNEMN NLQIAVDRMHKGIAYVKRKIYEFIQQ SFVKKQKILDEIKPLDDLNNRKDNCI SNHTTEIGKDLDCLKDVNGTTSGIG TGSSVEKYIIDESDYMSFINNPSLTV TVPIAVGESDFENLNTEDFSSESDLE ESKEKLNESSSSSEGSTVDIGAPAEE QPVIEPEETLEPEACFTEGCVQRFKC CQISVEEGRGKQWWNLRRTCFRIVE HNWFETFIVFMILLSSGALAFEDIYI DQRKTIKTMLEYADKVFTYIFILEML LKWVAYGYQTYFTNAWCWLDFLIVD VSLVSLTANALGYSELGAIKSLRTLR ALRPLRALSRFEGMRVVVNALLGAIP SIMNVLLVCLIFWLIFSIMGVNLFAG KFYHCVNTTTGDIFEISEVNNHSDC LKLIERNETARWKNVKVNFDNVGF GYLSLLQVATFKGWMDIMYAAVDSR NVELQPKYEESLYMYLYFVIFIIFGSF FTLNLFIGVIIDNFNQQKKKFGGQDI FMTEEQKKYYNAMKKLGSKKPQKPI PRPGNKFQGMVFDFVTRQVFDISIM ILICLNMVTMMVETDDQSDYVTSILS RINLVFIVLFTGECVLKLISLRHYYFT IGWNIFDFVVVILSIVGMFLAELIEKY FVSPTLFRVIRLARIGRILRLIKGAKGI RTLLFALMMSLPALFNIGLLLFLVM FIYAIFGMSNFAYVKREVGIDDMFN FETFGNSMICLFQITTSAGWDGLLA PILNSKPPDCDPNKVNPGSSVKGDC GNPSVGIFFFVSYIIISFLVVVNMYIA VILENFSVATEESAEPLSEDDFEMFY EVWEKFDPDATQFMEFEKLSQFAA ALEPPLNLPQPNKLQLIAMDLPMVS GDRIHCLDILFAFTKRVLGESGEMD ALRIQMEERFMASNPSKVSYQPITTT LKRKQEEVSAVIIQRAYRRHLLKRTV KQASFTYNKNKLKGGANLLVKEDM LIDRINENSITEKTDLTMSTAACPPS YDRVTKPIVEKHEQEGKDEKAKGK	None	None	None	None	None	None	None	None	None