

UniprotKB ID	Entry name	organism	full name	oglnacscore	oglnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	g	a
000555	CAC1A_HUMAN	Homo sapiens	Voltage-dependent P/Q-type calcium channel subunit alpha-1A	22.06515	S887 (O00555-3);T1075;S1093;T2120 (O00555-2)	T409;S447;S450;S749;S752;S789;S1084;S1093;T1983;S2046;S2064;S2076;S2078;S2119;S2139	39531497;30379171;35254053	MARFGDEMPARYGGGGSGAAAGVV VSGGGGRGAGGSRQGGQPGAQRM KQSMARQARTMALYNPIPVQRNCLT VNRSFLFSEDNVVRKYAKKITEWP PFYEMILATHIANCVLALQHLRDD KTPMSERLDDTEPYFIFGFCFEAGIKI IALGFAFHFKGSYLRNGWVMDV VLTGILATVGTDFDLRTLRAVRVLRP LKLVSIGPSLQVVLKSIMKAMIPLLQI GLLFFAILFAIIGLEFYMGKFHTTC FEEGTDDIQGESAPCGTEEPARTCP NGTKCQOPYWEGPNNGITQFDNLF VLTVFQCITMEGWTDLLYNSNDASG NTWNWLYFIPLIIGSFFMLNLV LGVLSGEFAKERERVENRRAFLKLR RQOQIERELNGYMEWISKAEEVILA EDET DGEQRHPPDALRRTTIKKS KTDLLNPEEAEDQLADIASVGS PFARASIKSAKLENSTFFHKK ERRMRFYIRRMVKTQAFYWT VLSVALNTLCVAIVHYNQ PEWLSDFLYAEFIFLGLFMSE FIKMYGLGTRPYFHSFNCFDC GVIIIGSIFEVIWAVIKPGTS FGISVLRALRLLRIFKVTKY WASLRNLVVSLLNSMKSI SLLFLLFLFIVV FALLGMQL FGGQFNFDGTPPTNFDTFPA AIMTVFQILTGEDWNEVMYD GIKSQGGVQGMVFSIYFIVL TLFGNYTLNVLAIAVD NLNAQELTKDEQEEEEAA NQKLALOKAKEVAEVSPL SAANMSIAVKEQKKNQ KPAKSVWEQRTSEMRKQ NLLASREALYNEMDPDER WKAAYTRHLRPDMKTHL DRPLVDPQENRNNNT NKSRAAEPTVDQRLGQ QRAEDFLRKQARYH DRARDPSGSAGLDARR PWAGSQEAELSREGPYG RESDDHAREGSLEQP GFWEGEAERKAGDP HRRHVHRQGGSRERS GSPRTGADGEHRR HRAHRRPGEEGPE DKAERRARHRE GSRPARGGEGEGE GPDGERRRRRH HGAPATYEGDAR REDKERRRRR KENQSGVVPVSG PNLSTTRPIQ ODLGRQDP PLAEDIDNMKNN KLATAESAAPHGS LGHAGLPQSPAK MGNSTDPGMLAI PAMATNPQNAAS RRTPNNP GNPSNPGPPKTPEN SLIVTNPSTQ TNSAKTARKPDHTT VDIPPACPPPL NHTVVQV NKNANPDPLPK EEEEKKEEED DRGEDGPKMP PYSSMFI LSTTNPLRR LCHYLNLRYF EMCILMVIAM SSIALAAEDPVQ PNAPRNNVLR YFDYVFTG VFTFEMV IKMIDLGLV LHQGAYFRD LWNILD FIVVSGALV AFAFTGNSK GKDINTIKSL RVLVLRPLK TIKRLPKL KAVFD CVVNSLKNV FNILIVYML FMFI FAVVAVQLFK GKFFHCTDE SKEFEK DCRGKYL LYEKNEVK ARDREW KWKYEFHYDN VWALLTL FTVSTGEG WPQVLKHSV DATFENQ GSPSGYR MEMSIF YVVYV VFPFFV NIFVALI ITFQEO GDKM MEYSLEK NERACID FAISAK PLTRH MPQNKQ SFQYRM WQFV VSP PFYTIM AMIALN TIVLMM KFYGAS VAYENAL RVFNIV FTSLF SLECVL KVMAF GILNY FRDAWN IFDFV TLGSIT DILVTE FGNNF INLSFL RLFRA ARLIL LLRQGY TIRILL WTFVQ SFKAL PYV CLLIAM LFFI AIIIGM QVFGN IGIDVE DEDS DEDEFQ ITEH NFR TFFQAL M LLFRS ATGE AWHN IMLS CLSG KPCD KNSG ILTRE CGNE FAYFY VFSIF LCS FLML NLFF VAVIM DNFEY LTRD SSIL GPHH LDEY VRV WAEY DPA AWGR MPYLD MYQML RHMS PPLGL GKCP PAR VAYK RLLR MDLP VAD NTVH FNSTL MALIR TALDI KIAK GGAD KQOM DAE LRKE MMAI WPNL SQK TLDL LVTP HKST DLTV GKI YAAM MIME YYRQ SKAK KLQAM REEQ DRTP LMFQ RMEPP SP TQEGG PQNAL PSTQ LDPG GALMA	True	True	2.147	5.0	2.203	2.294	1	

