

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	golgi apparatus	plasma membrane	extrac region
E2JF22	PIEZ1_MOUSE	Mus musculus	Piezo-type mechanosensitive ion channel component 1	25.019509	S1228	S758;S1385;S1390;S1627;S1631;S1646	34418053	MEPHVLGAGLYWLLPCTLLAASLL RFNALSIVLFLFLLLPWLPGPSRHS IPGHTGRLLRALLCLSLFLVAHLAF QICLHTVPHLDQFLGQNGSLWVKVS QHIGVTRLDLKDFNTRRLVAPDLGV LLASSLCLGLCGRLTRKAGQSRRTQ ELQDDDDDDDDDEIDAAPAVGLK GAPALATKRRLWLASRFRVTAHWLL MTSGRTLIVIVLALAGIAHPSAFSSII LVVFLAICTWWSCHFFPLSPGFNTL CVMVSCFGAGHLICLYCYQTPFIQD MLPPGNIWARLFLGKFNVDLPNYSS PNALVLTNKHAWPIYVSPGILLLLYY TATSLKHLKSCPSELRKETPREDEE HELELDHLEPEPQARDATQGEEMP TTEPDLNCTVHVLTSPVVRQRPV RPRLAELKEMSPLHGLGLIMDQSY VCALIAMMVVWSIMYHSWLTFFVLL WACLWTVRSRHLAMLCSPCILLY GLTLCCCLRYVWAMELPELPTTLGPV SLHQLGLEHTRYPCLDLGLMMLLYL TFWLLLRQFVKEKLLKKQKVPAA EVTVADTEPTQTQTLRLSGLVGTGI YVKYWIYVCGAMFIVVSAFRLVYVK IVYMFLLCLTLFQVYTLWRKLLR VFVWLVVAYTMLVIAVYTFQFQDF PTYWRNLTGFTDEQLGDLGLEQFSV SELSFSLIPGFLLACILQLHYFHRP FMQLTDLEHVPPGTRHPRWAHRO DAVSEAPLLEHQEEEEVFREDGQSM DGPHQATQVPEGTASKWGLVADRLL DLAASFSAVLTRIQVFVRRLELHV KLVALYTVVVALKEVSMNLLLVV WAFALPYPRFRPMASCLSTVWTCIII VCKMLYQLKIVNPHEYSSNCTEPPF NNTNLQPLEINQSLLYRGPVDPANW FGVRKGYPNLGYIQNHLQILLLLVE AVVYRRQEHYRRQHQAAPLPAQAVC ADGTRQRDLQDLSCLKYFINFFYK FGLICFLMAVNVIGORMNFMVILH GCWLVAILTTRRRREAIARLWPNYCL FLTLFLYQYLLCLGMPALCIDYPW RWSKAIPMNSALIKWLYLPDFFRAP NSTNLISDFLLLCASQWQVFSAE RTEEWQRMAGINTDHLPLRGEPN PIPFIHCRSYLDMKVAVFRYLFWL VLVVVAVAGATRSIFGLGYLLACFYL LLFGTTLQKDTRAQLVLWDLCLILYN VTVIISKNMLSLLSCVFVEQMOSNF CWVIQLFSLVCTVKGYYDPKEMMTR DRDCLLPVEEAGHWDSICFFFLLO RRIFLSHYFLHVSADLKATALQASRG FALYNAANLKSINFHRQIEEKSALQ KRQMKIRAKOEKYRQSQASRGQL QSKDPQDPSQEPGPDSPGSSPPRR QWWRPWLHDATVIHSGDYFLFESD SEEEEEALPEDPRPAAQSAFQMAQ AWVTNAQTVLRQRERRARQERAEQ LASGGDLNPDVEPVVPEDEMAGR SHMMQRVLSTMQFLVWLQATVD GLTRWLRAFTKHHRTMSDVLCAER YLLTQELLRVGEVRRGVLDQLYVGE DEATLSGPVETRDGPSTASSGLGAE EPLSSMTDDTSSPLSTGYNTRSGSE EIVTDAGDLQAGTSLHGSQELLANA RTRMRTASELLDRRLHIPLEEEAER FEAQQRTRLRLRAGYQCVAHSEL LCYFIILNHMVTASAASLVPLVFL WAMLTIIPRPSKRFWMTAIVFEVMV VTKYLFQGFPPWNSYVLRRYENK PYFPPRILGLEKTDYSIKYDLVQLMA LFFHRSQLCYGLWDHEEDRYPKD HCRSSVKDREAKEEPEAKLESQSET GTGHPKEPVLAGTPRDHIQKGSIRS KDVIQDPPEDLKRHRTRHISIRFRRR KETPGPKGTAVMETEHEEGEKETT ERKRPRHTQEKSKFRERMKAAGR LQSFVSLAQSFYQPLQRFFHDLHT KYRAATDVYALMFLADIVDIIIIIFGF WAFGKHSAAATDIASSLSDDQVPQAF	None	None	None	None	None	None	None		

LFMLLVQFGTMVIDRALYLKRTVLG  
KLAFAQVVLVVAIHIWMFFILPAVTER  
MFSQNAVAQLWYFVKCIYFALSAYQ  
IRCGYPTRILGNFLTCKYNHLNLF  
QGFRLVPFLVELRAVMDVWVTDTT  
LSLSNWMCVEDIYANIFIKCSRETE  
KKYPQPKGQKKKKIVKYGMGGLILF  
LIAHWFPLLFMSLIRSVVGVVNQPID  
VTVTLKGGYEPLFTMSAQQPSIVPF  
TPQAYEELSQQFDYPYPLAMQFISQYS  
PEDIVTAQIEGSSGALWRISPPSRAQ  
MKQELYNGTADITLRFWTFORDLA  
KGGTVEYTNKHTLELAPNSTARRO  
LAQLEGRPDQSVVIPHLFPKYIRAP  
NGPEANPVKQLQPDEEEDYLGVRIO  
LRREQVGTGASGEQAGTKASDFLEW  
WVIELQDCKADCNLLPMVIFSDKVS  
PPSLGFLAGYGIVGLYSIVLVVGFV  
RFFFEISHSIMFEELPCVDRILKLC  
QDIFLVRETRELEEEELYAKLIFLYR  
SPETMIKWTRERE