

UniprotKB ID	Entry name	organism	full name	oglcnaScore	oglcna sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum	golgi apparatus	plasma membrane	extra
P97820	M4K4_MOUSE	Mus musculus	Mitogen-activated protein kinase kinase kinase 4	27.053486	NaN	S5;S323;S325;S543;S619;S621;S629;S646;S691;S703;S706;S785;S794;S795;S799;S817;T822;S846;S849;S894;S907	28528544;33300544	MANDSPAKSLVDIDLSSLRDPAGIFE LVEVVGNGTYGQVYKGRHVKTIVTAA IKVMDVTEDEEEITLEINMLKKYSH HRNIATYYGAFIKKSPGHDDQLWL VMEFCGAGSITDLVKNKTKGNTLKED WIAYISREILRGLAHLHIIHVHRDIK GQNVLLTENAENVKLVDFGVSQAQLDR TVGRRNTFIGTPYWMAPEVIACDEN PDATYDYRSDLWSCGITAIEMAEGG PPLCDMHPMRALFLIPRNPPLKLS KKWSKKFFSFIEGCLVKNYMQRPT EQLLKHPIRDPNERQVRIQLKDH DRTRKKRGEKDETEYEYSGSEEEEE EVPEQEGEPSSIVNVPGESTLRRDFL RLQQENKERSEALRRQQLLEQQL REQEYKRQLLAERQKRIEQKEQR RRLEEQRREREARRQEREQRRR EQEEKRRLEELERRRKEEERRRAE EKKRRVEREQEYIRRLQEEQRHLEI LQQQLLOEQAMLLHDHRRPFAQQQ PPPQQDRSKPSFHAPKPHYDP ADRAREVQWSHLASLKNVSPVSR SHSFDPSPKFAHHHLRSQDPCPPS RSEGLSQSSDSKSEVPEPTQKAWSR SDSDEVPPRVVVRTTSRSPVLSRRDS PLQGGGQNSQAGQRNSTSSIEPRL LWERVEKLVPRPGSGSSGSSNSGS QPGSHPGSQSGSERFRVRSKSE GSPSPRQESAAKPDDKKEVFRSLK PAGEVDLTALAKELRAVEDVRPPHK VTDYSSSEESGTTDEEEEDVEQEG ADDSTSGPEDTRAASSPNLSNGETE SVKTMIVHDDVESEPAMTPSKGTLI VRQTQSASSTLQKHKSSSFTPFIDP RLQISPSGGTIVTSVVGFCSDGLRP EAIRODPTRKGSVVNVPNTNRPQS DTPAIRKYKRFNSEILCAALWGVNL LVGTEGLMLLDRSGQGVYPLISR RRFQQMDVLEGLNVLVTISGKDKL RVYLSWLRNKILHNDPEVEKKQG WTTVGDLEGCVHYKVYERIKFLVI ALKSSVEVYAWAPKPYHKMAFKSF GELLHKPLVDLTVEEGQRLKVIYGS CAGFHAVDSDSGSVYDIYLPTHIQCS IKPHAIILPNTDGMELLYCYEDEGVY VNTYGRITKDVVLQWGEMPTSVAYI RSNOTMGWGEKAIEIRSVETGHLDG VMHKRAORLKFLLCGRNDKVFSS VRSGSSQVYFMTLGRSLLSW	None	None	None	None	None	None	None	None	