

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion
Q9Y6R4	M3K4_HUMAN	Homo sapiens	Mitogen-activated protein kinase kinase kinase 4	33.485465	S169;S201;T300;T1359;S1362;T1365	S84;S431;T447;S456;S457;T458;S461;S481;S499;S1252;S1274	23301498;28657654;40307207;29351928;38253038	MREAAAAALVPPPAFAVTPAAAMEEP PPPPPPPPPEPETESEPECCLAAR QEGTLGDSACKSPESDLEDFSDETN TENLYGTSPPSTPRQMKRMSTKHQ RNNVGRPASRSNLKEKMNAPNQPP HKDTGKTVENVEEYSYKQEKKIRAA LRTTERDRKKNVQCSFMLDSVGGSL PKKSIPDVDLKNPYLSLGCNSAKLPV SVPMPIARPARQTSRTDCPADRLKFF ETLRLLKLTSVSKKDRERQGEN TSGFWLNRSNELIWLQAWHAGR TINDQDFLYTARQAIPDIIEILTFK VDYGSFAFVRDRAGFNQTSVEGQCK ATPGTKIVGYSTHHEHLQRQVSFE QVKRIMELLEIYIAYPSLQALQKDY EKYAAKDFQDRVQALCLWLNITKDL NQKLRIQMTVLGIKNSLDIGWVFEI PSPRPSKGNPEYEGDDTEGELKEL ESSTDESEEEQISDPRVPEIRQPIDN SFDIQRDCISKLERLESEDDSLGW GAPDWSTEAGFSRHCLTSIYRPFVD KALKQMGRLRLRLHKLMDGSLQR ARIALVKNDRPVEFSEFPDPMWGS YVQLSRTPPSSEEKCSAVSWEELKA MDLPSFEPAFVLCRVLLNVIHECLK LRLEQRPAGEPSLLSIKQLVRECKEV LKGGLLMKQYYQFMLEVLEDEKLP DCNIDAFEEDLHKMLMVYFDYMRS WIQMLQQLPQASHSLKNLLEEW FTKEITHYIRGGEAQAGKLCFCDIAGM LLKSTGSLFELGQESCAEFWTSAD DSSASDEIRRSVIEISRALKELFHEAR ERASKALGFAMLRKDLIAEAFRLS APVRDLLDVLKSKQYVKVQIPGLENL QMFVPTLAEKSIILQLLNAAAGKD CSKSDDDLIDAYLLLTKHGDRARD SEDSWGTWEAQPVKVVQVETVDTL RSMQVNDLLLVMQSAHLTIQRKAF QSSIEGLMTLCQEQTSSQPVIKALQ QLKNDALELCNRISNAIDRVDHMFT SEFDAEVDSESVTLQYYREAMIQ GYNFGFEYHKEVVRLMSGEFRQKIG DKYISFARKWMNVVLTKCESGRGTR PRWATQGFDFLQAIAPAFISALPEDD FLSLQALMNECIGHVIGKPHSPVTG LYLAIHRNSPRPMKVPRCHSDPPNP HLIIPTEGFSRSMPSDARSHGSPA AAAAAAAAAASRSPSPSGDVSVPK SISSAHDTRGSSVPENDRLASIAAEL QFRSLSRHSPTTEERDEPAYPRGDS SGSTRRSWELRTLISQSKDTASKLGP IEAIQKSVRLFEEKRYREMRKNIIG QVCDTPKSYDNVMHVGLRKVTFKW QRGNKIGEGQYKVTICISVDTGEL MAMKEIRFQPNHDKTIKETADELKI FEGIKHPNLVRYFGVELHREEMYIF MEYCDGTLLEEVSRGLQEHVIRLY SKQITIAINVLHEHGIVHRDIKANIF LTSSGLIKLGDGFCVSKLKNNAQTM PGEVNSTLGTAAAYMAPEVITRAKGE GHGRAADIWSLGCVVIEMVTGKRP WHEYEHNFQIMYKVMGMHKPPIPE RLSPEGKDFLSHCLESDPKMRWTAS QLLDHSFVKVCTDEE	False	False	3.49	1.395	False