

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence	intracellular	extracellular	cytosol	nucleus	mitochondrion	endoplasmic reticulum
P22314	UBA1_HUMAN	Homo sapiens	Ubiquitin-like modifier-activating enzyme 1	24.03824	S3;S7;S74;S78;S619	S4;S13;S21;S24;S46;T55;T800;S810;S816;S820;S835	23301498;22967762;26853435;34725712;40914422;35138101;30397120;37217939;16408927;40596516;38665916;34019948;29351928;35083852;33214551;32119511;18434435;35008409;33465208	MSSSPLSKRRVSGPDPKPGSNCSPAQSVLSEVPSVPTNGMAKNGSEADI DEGLYSRQLYVLGHEAMKRLQTSSV LVSGLRGLGVEIAKNILGGVKAVTL HDQGTAAQWADLSSQFYFREEDIGKN RAEVSQPRLAELNSYVPTAYTGPLV EDFLSGFQVVVLTNTPLEDQLRVGE FCHNRGIKLVVADTRGLFGQLFCDF GEEMLTDSNGEQPLSAMVSMVTK DNPGVVTCLEARHGFGESGDFVSFS EVQGMVELNGNQPMKIKVLGPYTF ICDTSNFSYIRGGIVSQVKVPKKISF KSLVASLAEPDFVVTDFAKFSRPAQL HIGFQALHQFCAQHGRPPRPRNEED AAELVALAQAVNARALPAVQNNLD EDLIRKLAYAAGDLAPINAFIGGLAA QEVMKACSGKFMIMQWLYFDAL CLPEDKEVLTEDKCLQRQNRVYDGOV AVFGSDLQEKLGKQKYLFGAGAIG CELLKNFAMIGLGCCEGGEIIVTDM DTIEKSNLNRQFLFRPWVDTKLSKSD TAAAARVQMNPHIRVTS HQNRVGP DTERIYDDDFQNL DGVANALDNVD ARMYMDRRCVYRKPLESGLGTK GNVQVVIPFLTESYSSSQDPPEKSIPI CTLKNFPNAIEHTLQWARDEFEGLF KQPAENVNOYLTDPKFVERTLRLAG TQPLEVLEAVQRSLVLRPQTWADC VTWACHHWHTQYSNNIRQLLHNF PDQLTSSGAPFWSGPKRCPHPLTFD VNNPLHLDYVMAAANLFAQTYGLTG SQDRAAVATFLQSVQVPEFTPKSGV KIHVSDQELQSANASVDDSRLEELK ATLPSDKLPGFKMYPIDFEKDDDS NFHMDFIVAASNLAENYDIPSADR HKSCLIAGKIIPAIATTTAAVGLVCL ELYKVVQGHRQLDSYKNGFLNLALP FFGFSEPLAAPRHQYYNQEWTLWD RFEVQGLQPNGEEMTLKQFLDYFKT EHKLEITMLSQGVSMLYSFFMPAAK LKERLDQPMTEIVSRVSKRKLGRHV RALVLELCCNDESGEDVEVPYRYTI R	True	False	4.691	5.0	5.0	2.119