

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P49588	SYAC_HUMAN	Homo sapiens	Alanine--tRNA ligase, cytoplasmic	15.962333	T136	S3;S8;S399;S555	32119511;34019948;34725712;36240223;37217939;35008409;30397120;35138101;26853435;32870666;3214551;23301498	MDSTLTASEIRQRFIDFFKRNEHTYV HSSATIPLDDPTLLFANAGMNQFKPI FLNTIDPSHPMAKLSRAANTQKCIR AGGKHNDLDDVKGKDVYHHTFFEML GSWSFGDYFKELACKMALELLTQEF GIPIERLYVTYFGGDEAAGLEADLEC KQIWQNLGLDDTKILPGNMKDNFW EMGDTGPCGPCSEIHDRIGGRDAA HLVNQDDPNVLEIWNLVFIQYNREA DGILKPLPKSIDTGMGLERLVSVLQ NKMSNYDTDLFVPYFEAIQKGTGAR PYTGKVGAEADADGIDMAYRVLADHA RTITVALADGGRPDNTGRGYVLRRL RRAVRYAHEKLNASRGFFATLVDVV VQSLGDAFPELKKDPDMVKDIINEE EVQFLKTLSRGRRILDRKIQSLGDSK TIPGDTAWLLYDTYGFVDTLTGLIAE EKGLVVDMDGFEEERKLAQLKSQG KGAGGEDLIMLDIYAIEELRARGLEV TDDSPKYNHYLDSSGSYVFENTVAT VMALRREKMFVEEVSTGQECGVVL DKTCFYAEQGGQIYDEGYLVKVDSD SEDKTEFTVKNAQVRGGYVLHIGTIY GDLKVGQVWLFIDEPRRRPIMSNH TATHILNFALRSVLGEADQKGSVLVAP DRLRFDFATAKAMSTQQIKKAEIEA NEMIEAAKAVYTQDCPLAAAKAIQGL RAVFDETYDPVRRVVSIGVPVSELLD DPSGPAGSLTSVEFCGGTHLRNSSH AGAFVIVTEEAIAKGIIRIVAVTGAEA QKALRKAESLKKCLSVMEAKVKAQT APNKDVQREIADLGEALATAVIPQW QKDELRETLKSLKKVMDDLDRASKA DVQKRVLEKTKQFIDSNPNQPLVILE MESGASAKALNEALKLFKMHSPQT SAMLFTVDNEAGKITCLCQVPQNAA NRGLKASEWVQVVSGLMDGKGGGK DVSAQATGKNVGCCLQEALQLATSFA QLRLGDVKN