

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P16086	SPTN1_RAT	Rattus norvegicus	Spectrin alpha chain, non-erythrocytic 1	12.481722	NaN	S587;S924;S982;S999;S1029;S1031;S1041;T1176;S1190;S1207;S1217;S1291;S1306;S1323;S1338;S1550;S1557;S1578;S1615;S1647;T2020;T2066	18683930	MDPSGVKLVLETAEDIQERRQVQLDRYHRFKELSTLRRQKLEDSYRFQFFQRDAEELEKWKIQEKLEQVSDENYKDP TNLQGKLVKHQKFAEAVQANSNGAIV KLDFTGNLMISEGHFASETIRTRLM ELHRQWELLLEKMKREKGIKLLQAQK LVQYLRECEDVMDWINDKEAIVTSE ELGQDLEHVEVLQKKFEEFQTDLAA HEERVNEVNQFAAKLIQEQHPPEEL IKTKQEEVNAAWQRLKGLALQRQGL LFGAAEVQRFNRDVDETIGWIKKEK QLMASDDFGRDLASVQALLRKHEG LERDLAALEDKVKALCAEADRLQQS HPLSANQIQVKREELITNWEQIRTLA AERHARLDDSYRLQRFADFRDLTS WVTEMKALINADELANDVAGAEALL DRHQEHKGEIDAHEDSFKSADESG QALLAAGHYASDEVREKLSILSEERA ALLELWELRRQYEQCMDLQLFYR DTEQVDNWMSKQEAFLNEDLGDS LDSVEALLKKHEDFEKSLSAQEEKIT ALDEFATKLIQNNHYAMEDVATRRD ALLSRRNALHERAMHRAQLADSF HLQQFFRDSDELKSWVNEKMKKTAT DEAYKDPSNLQGVQKHQAFEAEELS ANQSRIDALEKAGQKLIDVNHYAKE EVAARMNEVISLWKKLLEATELKG KLREANQQQFNRNVEDIELWLWYE VEGHLASDDYGKDLTNVQNLQKKH ALLEADVAHQDRIDGITIARQFQD AGHFDAENIKKKQEALVARYEALKE PMVARKQKLADSLRLQLFRDVEDE ETWIREKEPIAASNRGKDLIGVQNL LKKHQALQAEIAGHEPRIKAVTQKG NAMVEEGHFAAEDVKAKLSELNOK WEALKAKASQRRQDLEDLSLQAQQY FADANEAESWMREKEPIVGSTDYGK DEDSAEALLKKHEALMSDLSAYGSS IQALREQAQSCRQVAPMDDDETGKE LVLALYDYQEKSPREVTMKKGDILT LNSTNKDWWKVEVNDRQGFVPAAY VKKLDPAQSASRENLLLEEQGSIALR QGQIDNQTRITKEAGSVSLRMKQVE ELYQSLELGEKRGKMLEKSKKFM LFREANELQQWINEKEAALTSEEVG ADLEQVEVLQKKFDDFQKDLKANES RLKDINKVAEDLESEGLMAEEVQAV QQQEVYGMMPRDEADSKTASPWKS ARLMVHTVATFNSIKELNERWRSLQ

QLAEERSQLLGSAAHEVQRFHRDADE
TKEWIEEKNQALNTDNYGHDLASV
QALQRKHEGFERDLAALGDKVNSL
GETAQRLIQSHPEAEDLKEKCTEL
NQAWTSLGKRADQRKAKLGDSDHL
QRFLSDFRDLMSWINGIRGLVSSDE
LAKDVTGAEALLERHQEHRTEIDAR
AGTFQAFEQFGQQLLAHGHIASPEI
KEKLDILDQERTDLEKAWVQRRMM
LDHCLELQLFHRDCEQAENWMAAR
EAFNLTEDKGDSLDSVEALIKKHED
FDKAINVQEEKIAALQAFADQLIAVD
HYAKGDIANRRNEVLDRWRRLKAQ
MIEKRSLGESQTLQQFSRDVDEIE
AWISEKLQASDESYKDPTNIQSKH
QKHQAFAELHANADRIRGVIDMG
NSLIERGACAGSEDAVKARLAALAD
QWQFLVQKSAEKSQKLKEANKQON
FNTGIKDFDFWLSEVEALLASEDYG
KDLASVNNLLKKHQLEADISAHED
RLKDLNSQADSLMTSSAFDTSQVKE
KRDTINGRFQIKSMATSRRAKLSSES
HRLHQFFRDMDDEESWIKEKLLV
SSEDYGRDLTGVQNLKHKHRLEAE
LAAHEPAIQGVLDTGKKLSDDNTIG
QEEIQRLAQFVEHWKELKQLAAAR
GQRLEESLEYQQFVANVEEEEAWIN
EKMTLVASEDYGDTLAAIQGLLKKH
EAFETDFTVHKDRVNDVCTNGQDLI
KKNNHHEENISSKMKGLNGKVS
DLKAAAQRKAKLDENSAFLQFNWKA
DVVESWIGEKENSLKTDDYGRDLSS
VQTLTKQETFDAGLQAFQOEGIANI
TALKDQLLAAKHIQSKAIEARHASLM
KRWTQLLANSATRKKLLEAQSHFR
KVEDLFLTFAKKASAFNSWFENAE
DLTDPVRCNSLEEIKALREAHDAFR
SSLSSAQADFNQLAELDRQIKSFRVA
SNPYTWFTMEALEETWRNLQKIKE
RELELQKEQRRQEENDKLRQEFQA
HANAFHQWIQETRTRYLLDGSCMVE
ESGTLESQLEATKRKHQEI
RAMRSQ LKKIEDLGAAMEEALILDN
KYTEHST VGLAQQWDQLDQLGMRM
QHNLEQ QIQARNTTGVT
EEALKEFSMMFKHF DKDKSGRLNH
QEFKSCLRSLGYDLP MVEEGEPD
PEFEAILDTVDPNRDGH VSLQEYMA
FMISRETENVKSSEEIES AFRALS
SSEGKPYVTKEELYQNLTRE QADYCV
SHMKPYVDGKGRELPTAFD YVEFTR
SLFVN