

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P46939	UTRN_HUMAN	Homo sapiens	Utrophin	13.492237	S84;T85;T446;S2210	T4;S10;S295;S2008;S2211;S3297	31492838;30444036;29351928;34019948;28411811;34725712;30379171;26853435	MAKYGEHEASPDNGQNEFSDIIKSR SDEHNDVQKKTFTKWINARFSKSGK PPINDMFTDLKDGRKLLDLEGLTG TSLPKERGSTRVHALNNVNRVLQVL HQNNVELVNIGGTDIVDGNHKLTLG LLWSIILHWQVKDVMKDVMSDLQQ TNSEKILLSWVRQTTRPYSQVNVLN FTTSWTDGLAFNAVLHRHKPDLFS WDKVVKMSPIERLEHAFSQAQTYLG IEKLLDPEDVAVQLPDKKSIIMYLTSL FEVLPQQVTIDAIREVETLPRKYKKE CEEEAINIQSTAPEEEHESPRAE TPS TVTEVDMDLDSYQIALEEVLTWLLS AEDTFQEQQDDISDDVEEVKQDFATH EAFMMELTAHQSSVGSVLQAGNQLI TQGTLSDEEEFEIQEQMTLLNARWE ALRVESMDRQSR LH D V L M E L Q K K Q LQQLSAWLT LTEERI Q K M E T C P L D D DVKSLQKLEEHKSLQSDLEAEQVK VNSLTHM V V I D E N S G E S A T A I E D QLQKLGERTAVCRWTEERWNRLO EINILWQELLEEQCLLKAWLTEKEE ALNKVQTSNFKDQKELSVVRR L A I L KEDMEMKRQTL D Q L S E I G Q D V G Q L LDNSKASKKINS D S E E L T Q R W D S L V QRLEDSSNQVTQAVAKLGMSQIPQK DLLETVRVREQAITKKSQELPPPPP PKKRQIHVDIEAKKKFDAISAELLNW ILKWKTAIQTTEIKEYMKMQDTSEM KKKLKALEKEQRE RIPRADEL N Q T G QILVEQMGKEGLPTEEIKNVLEKVSS EWKNVSHLEDLERKIQLQEDINAY FKQLDELEKVIKTKEEWVKHTSISES SRQSLPSLKDSCQRELTNLLGLHPKI EMARASC SALMSQPSAPDFVQRGF DSFLGRYQAVQEAVEDRQQHLENE LKGQPGHAYLET L K T L K D V L N D S E N KAQVSLNVLNDLAKVEKALQEKKTL DEILENQPALHKLAEETKALEKNV HPDVEKLYKQEFDDVQGKWNKLV LVSKDLHLEEI AL T L R A F E A D S T V I E KWMDGVKDFLMKQQAQGD DAGL QRQLDQCSAFVNEIETIESSLKNMK E I E T N L R S G P V A G I K T W V Q T R L G D Y QTQLEKLSKEIATQKSRLSESQE K A A NLKKDLAEMQEWMTQAE E E Y L E R D FEYKSPEELES A V E E M K R A K E D V L Q KEVRVKILKDNIKLLAAKVPSSGGQEL TSELNVLENYQLLCNRIRGKCHTL EEVWSCWIELLHYLDLETTWLNTLE ERMKSTEVLP E K T D A V N E A L E S L E S VLRHPADNRTQIRELGQTLIDGGILD DIISEKLEAFNSRYEDLSHLAESKQIS LEKQLQVLRETDQMLQVLQESLGEL DKQLTTYLTDRIDAFQVPQEAQKIQA EISAHELTLEELRRNMRSQPLTSPES

RTARGGSQMDVLRKLRREVSTKFQL
FQKPANFEQRMLDCKRVLDGVKAE
LHVLVDVKDVPDVIQTHLDKCMKLY
KTLSEVKLEVETVIKTGRHIVQKQQT
DNPKGMDEQLTSLKVLYNDLGAQV
TEGKQDLERASQLARKMKKEAASLS
EWLSATETELVQKSTSEGLLDLDT
EISWAKNVLDLEKRRKADLNTITISS
AALQNLIEGSEPILEERLCVLNAGWS
RVRTWTEDWCNTLMNHQNQLEIFD
GNVAHISTWLYQAEALLDEIEKKPTS
KQEEIVKRLVSELDDANLQVENVRD
QALILMNARGSSSRELVEPKLAELN
RNFEEKVSQHIKSAKLLIAQEPLYQCL
VTTETFETGVPFSDLEKLENDIENM
LKFVEKHLESSEDEKMDDEESAQIE
EVLQRGEMLHQPMEDNKKEKIRL
QLLLHTRYNKIKAIPIQQRKMGQLA
SGIRSSLLPTDYLVEINKILLCMDDV
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SGPEAIQIRDTLTQLNAKWDRINRM
YSDRKGCFDRAMEEWRQFHCDLND
LTQWITEAEELLVDTCAPGGSLDEK
ARIHQQELEVGISSHQPSFAALNRTG
DGIVQKLSQADGSFLKEKLAGLNQR
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RDPLTKQISDNQILLQELGPGDGIVM
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RTVQASRRDLENFLKWIQEAETTVN
VLVDASHRENALQDSILARELKQQM
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KALGNSEEATMLQHRLDDMNQRW
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GDVPALQLQYDHCKALRRELKEKEY
SVLNAVDQARVFLADQPIEAPEEPRR
NLQSKTELTPERAQKIAKAMRKQS
SEVKEKWESLNAVTSNWQKQVDKA
LEKLRDLQGAMDDLADAMKEAESV
RNGWKPVGDLLIDSLQDHIEKIMAF
REEIAPINFVKVTVNDLSSQLSPLDL
HPSLKMSRQLDDLNMNRWKLQVSV
DDRLKQLQEHRDFGPSSQHFLSTS
VQLPWQRSISHNKVPYYINHQTQTT
CWDHPKMTELFQSLADLNNVRFSA
YRTAIKIRRLQKALCLDLELSTTNEI

FKQHKLNQNDQLLSVPDVINCLTT
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WLLNVYDTGRTGKIRVQSLKIGLMS
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MVEYCIPTTSGEDVRDFTKVLKMKF
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LETPITLISMWPEHYDPSQSPQLFHD
DTHSRIEQYATRLAQMERTNGSFLT
DSSSTGVSVEDEHALIQYQCQTLGG
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