

UniprotKB ID	Entry name	organism	full name	oglcnacscore	oglcnac sites	phosphorylation sites	PMIDS	sequence
P15924	DESP_HUMAN	Homo sapiens	Desmoplakin	9.544356	S1232;T1399;S2792	S22;S53;T56;T61;S165;S166;S176;S1658;S1708;S2024;S2207;S2209;S2225;S2810;S2815;T2817;S2820;S2821;S2825;S2849;T2853;S2868	30379171;33214551;30444036;34229054;34019948;26853435;26374642;23301498;30397120	MSCNGGSHPRINTLGRMIRAESGPD LRYEVTSGGGGTSRMYYRRGVITD QNSDGYCQTGTMSRHQNQNTIQEL LQNCSDCLMRAELIVQPELKYGDGI QLTRSRELDECFAQANDQMEILD IREMRQMGQPCDAYQKRLQLQEQ MRALYKAISVPRVRRASSKGGGGYT CQSGSGWDEFTKHVTSECLGWMRQ QRAEMDMVAWGVDLASVEQHINSH RGIHNSIGDYRWQLDKIKADLREKS AIYQLEEEYENLLKASFERMDHLRQ LQNIIQATSREIMWINDCEEEELLYD WSDKNTNIAQKQEAFSIRMSQLEVK EKELNKLKQESDQLVLNQHPASDKI EAYMDTLQTQWSWILQITKCIDVHL KENAAYFQFFEEAQSTEAYLKGLQD SIRKKYPCDKNMPLQHLLLEQIKLE KEREKILEYKRQVQNLVNSKSKIVQL KPRNPDYRSNKPIILRALCDYKQDQK IVHKGDECILKDNNSKQWYVTGPG GVDMLVPSVGLIIPPNPLAVDLSCK IEQYEAIALWNLQLYINMKSLSVSW HYCMIDIEKIRAMTIAKLTMRQEDY MKTIADLELHYQEFIRNSQGSEMFG DDDKRKIQSQFTDAQKHQTLVIQL PGYPQHQTVTTTEITHHGTCQDVNH NKVIETNRENDKQETWMLMELQKI RRQIEHCEGRMTLKNLPLADQGSSH HITVKINELKSVQNDQSAIAEVLNQL KDMLANFRGSEKYCYLQNEVFGLF QKLENINGVTDGYLNSLCTVRALLQ AILQTEDMLKVYEARLTEEETVCLDL DKVEAYRCGLKKIKNDLNLKKSLLA TMKTELQKAQIHSQTSQQYPLYDL DLGKFGEKVTQLTDRWQRIDKQIDF RLWDLEKQIKQLRNYRDNYQAFCK WLYDAKRRQDSLESKMGFGDSNTVM RFLNEQKNLHSEISGKRDKSEEVQK IAELCANSIKDYELQLASYTSGLTLL NPIKRTMIQSPSGVILQEAADVHAR YIELLTRSGDYRFLSEMLKSLEDLK LKNTKIEVLEELRLARDANSENCN KNKFLDQNLQKYQAECQFQKAKLAS LEELKRQAELDQKSAKQNLQDKCYGQ IKELNEKITRLTYEIEDEKRRRSVE DRFDQKNDYDQLQKARQCEKENL GWQKLESEKAIKEKEYEIERLRVLLQ EEGTRKREYENELAKVRNHYNEEM SNLRNKYETEINIKTTTIKEISMQKE DDSKNLRNQLDRLSRENRLKDEIV RLNDSILQATEQRRRAEENALQQA CGSEIMQKKQHLEIELKQVMQQRSE DNARHKQSLEEAQTIQDKNKEIER LKAEFQEEAKRRWEYENELSKVRN NYDEEIIISLKNQFETEINIKTTIHQL TMQKEEDTSGYRAQIDNLTRENRS LSEEIKRLKNTLTQTTENLRVEEDIQ QQKATGSEVSQRKQQLLEVELRQVTO

MRTEESVRYKQSLDDAAKTIQDKNK  
EIERLKQLIDKETNDRKCLEDENARL  
QRVQYDLQKANS SATETINKLKVQE  
QELTRLRIDYERVSQERTVKDQDITR  
FQNSLKEQLQKQKVEEELNRLKRT  
ASEDSCKRKKLEEELEGMRRLKEQ  
AIKITNLTOQLEQASIVKKRSEDDL  
QQRDVLGDHGLREKQRTQEELRRLSS  
EVEALRRQLLEQESVKQAHLRNE  
HFQKAIEDKSRSLNESKIEIERLQSL  
TENLTKEHLMLEEEELRNLRLLEYDDL  
RRGRSEADSDKNATILELRSQLOISN  
NRTLELQGLINDLQRERENLRQEIE  
KFQKQALEASNRIQESKNQCTQVVQ  
ERESLLVKIKVLEQDKARLQRLLEDEL  
NRAKSTLEAETRVKQRLECEKQQIQ  
NDLNQWKTQYSRKEEAIRKIESERE  
KSEREKNLSRSEIERLQAEIKRIEER  
CRKLEDSTRETQSQLETERSRYQR  
EIDKLRQRPYGS HRETQTECEWTVD  
TSKLVFDGLRKKVTAMQLYECQLID  
KTTLDKLLKGKKSVEEVASEIQPFLR  
GAGSIAGASASPKEKYSLVEAKRKKL  
ISPESTMMLLEAQAATGGIIDPHRNE  
KLTVD SAIARDLIDFDDRQQIYAAEK  
AITGFDDPFGKTVSVSEAIKKNLID  
RETGMRLLEAQIASGGVDPVNSVF  
LPKDVALARGLIDRDLYRSLNDPRDS  
QKNFVDPVTKKKVSYVQLKERCRIE  
PHTGLLLLSVQKRSM SFQIRQPVT  
VTELVD SGILRPSTVNELESGQISYD  
EVGERIKDFLQSSCIAGIYNETTKQ  
KLG IYEAMKIGLVRPGTALELLEAQA  
ATGFIVDPVSNLRLPVEEAYKRGLVG  
IEFKEKLLSAERAVTGYNDPETGNIIS  
LFQAMNKELIEKGHGIRLLEAQIATG  
GIIDPKESHRLPVDIAYKRGYFNEEL  
SEILSDPSDDTKGFFDPNTEENLTYL  
QLKERICKDEETGLCLLPLKEKKKQV  
QTSQKNLTKRRRVVIVDPETNKEMS  
VQEAYKKGLIDYETFKELCEQECEW  
EEITITGSDGSTRVVLVDRKTGSQYDI  
QDAIDKGLVDRKFFDQYRSGSLSLT  
QFADMISLKNVGTSSSMGSGVSD  
DVFSSSRHESVSKISTISSVRNLTIRS  
SSFSDTLEESSPIAAIFDTENLEKISIT  
EGIERGIVDSITGQRLLEAQA CTGGII  
HPTTGQKLSLQDAVSQGVIDQDMAT  
RLKPAQKAFIFGFEVKGKKKMSAAE  
AVKEKWLPYEAGQRFLEFQYLTGGL  
VDPEVHGRISTEEAIRKGFIDGRAAQ  
RLQDTSSYAKILTCPKTKLKISYKDAI  
NRS MVEDITGLRLLLEAASVSSKGLPS  
PYNMSSAPGSRSGSRSGSRSGSRSG  
SRSGSRRGSFDATGNSSYSYSFSS  
SSIGH