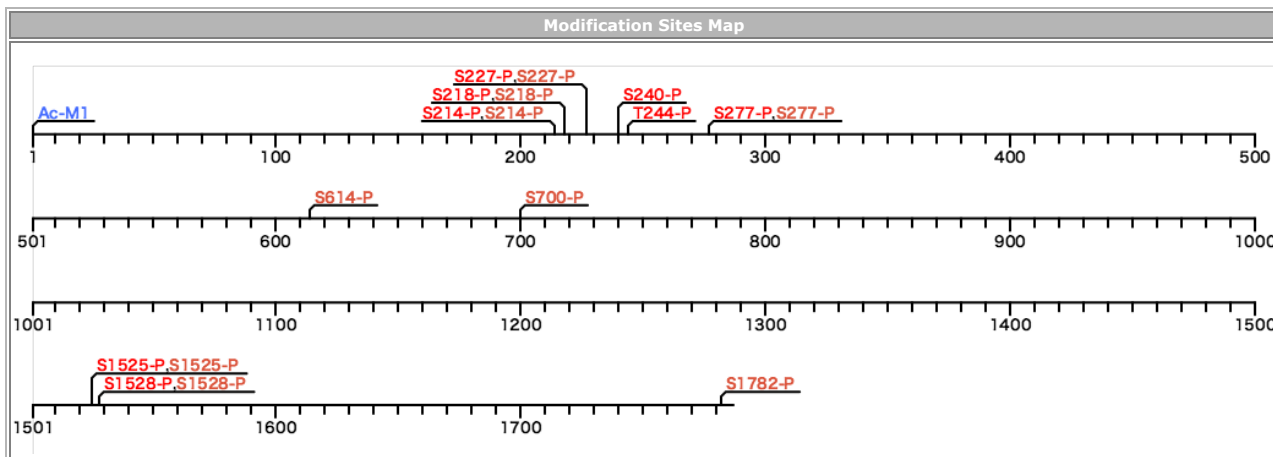


ID	Accession	GeneName	Chr.No.	Description
BIG2_HUMAN	Q9Y6D5	ARFGEF2	20q13.13 47538427..47653230	Brefeldin A-inhibited guanine nucleotide-exchange protein 2



Click a modification site to display information in detail.

Site no	Amino acid	Type	Division	Detail
1528	S	P	Lab	130327_HEK_ME_pphos.mgf[F015008]
1528	S	P	Lab	130415_HEK_ME_tphos.mgf[F015010]
1528	S	P	Lab	110218_pOVKATE_3.mgf[F017465]
1528	S	P	Lab	110218_pOVSAYO_2.mgf[F017470]
1528	S	P	Lab	110218_pOVSAYO_3.mgf[F017471]
1528	S	P	Paper	Cell 2006, 127(3), 635-648
1528	S	P	Paper	Mol Cell 2008, 31(3), 438-448
1528	S	P	Paper	Sci Signal 2009, 2(84), ra46
1528	S	P	Paper	Sci Signal 2010, 3(104), ra3

Protein Sequence	
<p>MQESQTKSMF VSRALKILA DKEVKRPQHS QLRACQVAL DEIKAEIEKQ RLGTAAPPKA NFIEADKYFL PFELACQSKS PRVVTSLDC LQKLIAYGHI TGNAPDSGAP GKRL IDRIVE TICSCFQGPQ TDEGVQLQII KALLTAVTSP HIEIHEGTIL QTVRTCYNII LASKNLINQT TAKATLTQML NVIFTRMENQ VLQEAARELEK PIQSKPQSPV IQAAAVSPKF VRLKHSQAQS KPTIPEKTDL TNGEHARSDS GKVSTENGDA PRERGSLSG TDDGAQEVVK DILEDVVVTA IKEAAEKHGL TEPERVLGEL ECQECAIPPG VDENSQTNGI AD DRQSLSSA DNLESDAQGH QVAARFHVHL QKDAFLVFRS LCKLSMKPLG EGPPDPKSHE LRSKVVSLQL LLSVLQNAGP VFRTHMFIN AIKQYLCVAL SKNGVSSVPD VFEL SLAIFL TLLSNFKMHL KMQIEVFKE IFLNILETST SSFEHRWMVI QTLTRICADA QCVVDIYVNY DCDLNAANIF ERLVNDLSKI AQGRSGHELG MTPQLQELSLR KKGLECLVSI LKCMVEWSKD LYVNPNHQTS LGQERLTDQE IGDGKGLDMA RRCSTVSMES TVSSGTQTTV QDDPEQFEVI KQKKEIIEHG IELFNKKPKR GIQFLQEQQM LGTSVEDIAQ F LHQEERLDS TQVGDFLGD SARFNKEVMYA YVDQLDFCEK EFSALRTFL EGFRLPGEAQ KIDRLMEKFA ARYIECNQGG TLFASADTAY VLAYSIIMLT TDLHSPQVKN KMTK EQYIKM NRGINDSKDL PEEYLSSIYE EIEGKKIAMK ETKELTIATK STQQNVASEK QRRLLYNLEM EQMAKTAKAL MEAVSHAKAP FTSATHLDHV RPFMFLVWTP LLAAYSIG LQ NCDDEVASL CLEGIRCAIR IACIFGMQLE RDAYVQALAR FSLLTASSI TEMKQKNIDT IKTLITVAHT DGNYLGNNSWH EILKCISQLE LAQLIGTGVK TRYLSGSGRE RE GSLKGH TL AGEEFMGLGL GNLVSGGVDK RQMASFQESV GETSSQSVV AVDRIFTGST RLDGNAIVDF VRWLCVMSD ELASPHHPRM FSLQKIVEIS YNNMRIRLQ WS RIWHVIGD HFNKVCNPN EDVAIFAVDS LRQLSMKFLK EGELANFRFQ KDFLRPFHEI MKKNRSPTR DMAIRCIAQM VNSQAANIRS GWKNIFAVFH QAASDHGNI VELA FQTTC IVTTIFQHHF PAAIDSFQDA VKCLSEFACN AAFPDTSM EA IRLIRFCGKY VSERPRVQE YTSDDMNVP GDRVWVRGW F PILFELSCII NRCKLDVTRR GLTVMFEI MK SYGHTFEKHW WQDLFRIVFR IFDNMKLPEQ LSEKSEWMTT TCNHALYAIC DVFTQFYEAL NEVLLSDVFA QLQWCVKQDN EQLARSGTNC LENLVISNGE KFSPEVWDE T CNCMLDIFKT TIPHVLLTWR PVGMEEDSSE KHLDVDLDRQ SLSSIDKNPS ERGQSLSNP TDDSWKGRPY ANQKLFASLL IKCVVQLELI QTIDNIVFYP ATSKKEDAHE M VAAQQDTLD ADIHIEDTQ GMYKYMSSQH LFKLLDCLQE SHSFSKAFNS NYEQRTVLWR AGFKGSKPN LLKQETSSLA CCLRILFRMY VDENRRDSWE EIQRLLTVC SEA LAYFITV NSESHREAWT SLLLLLLTKT LKINDEKFA HASMYYPYLC EIMQFDLIPE LRAVLRKFFL RIGVVYKIWI PEEPSQVPAALSPV</p>	

Backcolor of amino acid : Yellow -> site of modification, gray -> in front of processing