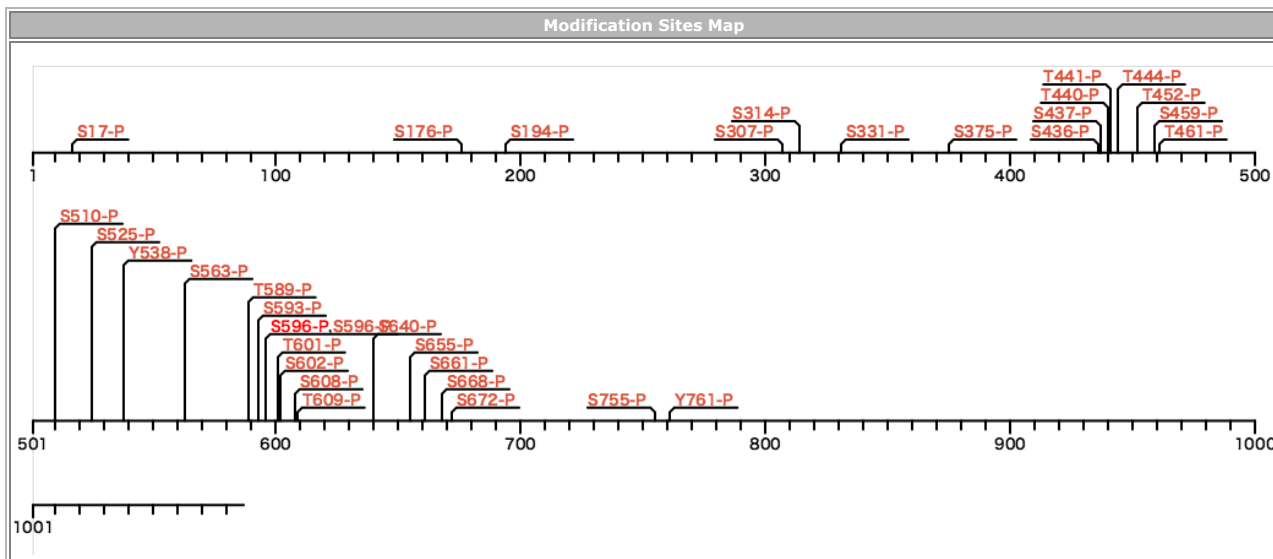


ID	Accession	GeneName	Chr.No.		Description
BUB1_HUMAN	O43683	BUB1	2q13	111395275..111435691	Mitotic checkpoint serine/threonine-protein kinase BUB1



Click a modification site to display information in detail.

Site no	Amino acid	Type	Division	Detail
596	S	P	Lab	130415_HEK_CE_tphos.mgf[F015009]
596	S	P	Paper	Cell Rep 2014, 8(5), 1583-1594
596	S	P	Paper	J Proteome Res 2013, 12(1), 260-271
596	S	P	Paper	Mol Cell 2008, 31(3), 438-448
596	S	P	Paper	Mol Cell Proteomics 2009, 8(7), 1751-1764
596	S	P	Paper	Proc Natl Acad Sci USA 2008, 105(38), 10762-10767
596	S	P	Paper	Sci Signal 2009, 2(84), ra46

Protein Sequence	
MDTPENVLQM LEAHMQSYKG NDPLGEWERY IQWVEENFPE NKEYLITLLE HLMKEFLDKK KYHNDPRFIS YCLKFAEYNS DLHQFFFLY NHGIGTLSSP LYIAWAGHLE AQQ ELQHASA VLQRGIQNQA EPREFLQQQY RLFQRTL TET HLPQAQRTSE PLHNVQVLNQ MITSKSNPGN NMACISKNQG SELSGVISSA CDKESNMERR VITISKSEYS VHSSL ASKVD VEQVVMYCKE KLIRGESEFS FEELRAQKYN QRRKHEQWVN EDRHYMKRKE ANAFEEQLLK QKMDLHKKL HQVVETSHED LPA SQERSEV NPARMGPSVG SQQEL RAPCL PVTYQQT PVN MEKNPREAPP VVPLANAIS AALVSPATSQ SIAPPVPLKA QTVTDSMFAV ASKDAGCVNK STHEFKPQSG AEIKEGCETH KVANTSSFHT TPNTSLGM VQ ATPSKVQSP TVHTKEALGF IMNMFQAPTL PDISDDKDEW QSLDQNEAF EAQFQKNVRS SGAWGVNKKI SSLSSAFHVF EDGNKENYGL PQPKNKPTGA RTFGERSVS R LPSKPKEEVP HAEFLDDST VWGIRCNKTL APSKSPGDF TSAAQLASTP FHKLPVESVH ILEDKENVVA KQCTQATLDS CEENMVVPSR DGKFSPIQEK SPKQALS SHM Y SASLLRLSQ PAAGGVLTC E AELGVEACRL TDTDAIAED PDAIAGLQA EWMQMSSLGT VDAPNFIVGN PWDDKLIFKL LSGLSKPVSS YPNTFEWQCK LPAIKPKTEF QLGS KLVVYH HLLGEGAFQA VYEATQGD LN DAKNKQK FVL KVQKPANPWE FYIGTQLMER LKPSMQHMF M KFSAHLFQN GSVLVGELYS YGTLNAINL YKNTPEKVMP QGLVIS FAMR MLYMIEQVHD CEIIGHDIK DNFILNGFL EQDDEDDLSA GLALIDLGS IDMKLFPGT IFTAKCETSG FQCVEMLSNK PNWYQIDYFG VAATVYCM LF GTYMKVKNE G GECKPEGLFR RLPGLDMWNE FFHVMLNIPD CHHLPSDLL RQKLKVFQO HYTNKIRALR NRLIVL LLEC KRSR	

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