



Recombinant Human Histone-lysine N-methyltransferase 2C (KMT2C), partial

Product Code	CSB-EP822778HU
Abbreviation	KMT2C
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q8NEZ4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	<p>MSSEEDKSVE QPQPPPPPE EPGAPAPSPA AADKRPRGRP RKGASPFQR ARKKPRSRGK TAVEDEDSMD GLETTETETI VETEIKEQSA EEDAEAEVDN SKQLIPTLQR SVSEESANSL VSVGVEAKIS EQLCAFCYCG EKSSLGQGDL KQFRITPGFI LPWRNQPSNK KDIDDNSNGT YEKMQNSAPR KQRGQRKERS PQQNIVSCVS VSTQTASDDQ AGKLWDELST VGLPDAIDIQ ALFDSTGTCW AHHRCVEWSL GVCQMEEPLL VNVDAVVSG STERCAFCKH LGATIKCEE KCTQMYHYPC AAGAGTFQDF SHIFLLCPEH IDQAPERSKE DANCAVCDSP GDLLDQFFCT TCGQHYHGMC LDIAVTPLKR AGWQCPECKV CQNCKQSGED SKMLVCDTCD KGYHTFCLQP VMKSVPTNGW KCKNCRICIE CGTRSSSQWH HNCLICDNCY QQQDNLCDFC GKCYHPELQK DMLHCNMCKR WWHLECDKPT DHELDLQLKE EYICMYCKHL GAEMDRLQPG EEVEIAELTT DYNNEMEVEG PEDQMVFSEQ AANKDVNGQE STPGIVPDAV QVHTEEQQKS HPSESLDTS LLIIVSSQHT VNTELEKQIS NEVDSEDLKM SSEVKHICGE DQIEDKMEVT ENIEVVTHQI TVQQEQLQLL EEPETVVSRE ESRPPKLVME SVTLPLETLV SPHEESISLC PEEQLVIERL QGEKEQKENS ELSTGLMDSE MTPTIEGCVK DVSYQGGKSI KLSSETESSF SSSADISKAD VSSSPTPSSD LPSHDMHNY PSALSSSAGN IMPTTYISVT PKIGMGKPAI TKRKFSPGRP RSKQGAWSTH NTVSPPSWSP DISEGREIFK PRQLPGSAIW SIKVGRGSGF PGKRRPRGAG LSGRGGRRGRS KLKSGIGAVV LPGVSTADIS SNKDDEENSM HNTVVLFFSS DKFTLNQDMC VVCGSFGQGA EGRLLACSQC GQCYHPYCVS IKITKVLSK GWRCLECTVC EACGKATDPG RLLLCDDCDI SYHTYCLDPP LQTVPKGGWK CKWCVWCRHC GATSAGLRCE WQNNYTQCAP CASLSSCPVC YRNYREEDLI LQCRQCRRWM HAVCQNLNTE EEVENVADIG FDCSMCRPYM PASNVPSSDC CESSLVAQIV TKVKELDPPK TYTQDGVCLT ESGMTQLQSL TTVVPRRKR KPKLKLKIIN QNSVAVLQTP PDIQSEHSRD GEMDDSREGE LMDCDGKSES SPEREAVDDE TKGVEGTDGV KKRKRKPYRP GIGGFMRQR SRTGQGKTKR SVIRKDSSGS ISEQLPCRDD GWSEQLPDTL VDES SVTES TEKIKKRYRK RKNKLEETFP AYLQEAFFGK DLLDTSRQSK ISLDNLSEGD AQLLYKTNMN TGFLDPSLDP LLSSSSAPTK SGTHGPADDP LADISEVLNT DDDILGIISD DLAKSVDHSD IGPVTDDPSS LPQPNVNQSS RPLSEEQLDG ILSPELDKMV TDGAILGKLY</p>



KIPELGGKDV EDLFTAVLSP ANTQPTPLPQ PPPPTQLLPI HNQDAFSRMP
LMNGLIGSSP HLPHNSLPPG SGLGTFSIA QSSYPDARDK NSAFNPMASD
PNNSWTSSAP TVEGENDTMS NAQRSTLKEE KEEALGEMAT VAPVLYTNIN
FPNLKEEFPD WTRVKQIAK LWRKASSQER APYVQKARDN RAALRINKVQ
MSNDSMKRQQ QQDSIDPSSR IDSELFKDPL KQRESEHEQE
WKFRQQMRQK SKQQAKIEAT QKLEQVKNEQ QQQQQQQFGS
QHLLVQSGSD TPSSGIQSPL TPQPGNGNMS PAQSFHKELF TKQPPSTPTS
TSSDDVFKVP QAPPPPPAPS RIPIQDSLQ AQTSPPPSPQ VFSPGSSNSR
PPSPMDPYAK MVGTPRPPP V GHSFSRRNSA APVENCTPLS SVSRPLQMNE
TTANRPSVR DLCSSSTTNN DPYAKPPDTP RPYMTDQFPK SLGLSRSPVV
SEQTAKGPIA AGTSDHFTKP SPRADVFRQ RIPDSYARPL LTPAPLDSGP
GPFKTPMQPP PSSQDPYGSV SQASRRLSVD PYERPALTTPR PIDNFSHNQS
NDPYSQPPLT PHPAVNESFA HPSRAFSQPG TISRPTSQDP YSQPPGTPRP
VVDSYSQSSG TARSNTDPYS QPPGTPRPTT VDPYSQQPQT PRPSTQTDLF
VTPVTNRHS DPYAHPPGTP RPYGIVPYSQ PPATPRPRIS EGFRSSMTR
PVLMPNQDPF LQAAQNRGPA LPGPLVRPPD TCSQTPRPPG PGLSDTFSRV
SPSAARDPYD QSPMTPRSQS DSFGTSQTAH DVADQPRPGS
EGSFCASSNS PMHSQQGQFS GVSQPLGPVP TSGVTDQNT
VNMAQADTEK LRQRQKLREI ILQQQQQKKI AGRQEKGSQD SPAVPHPGPL
QHWQPENVNQ AFTRPPPPYP GNIRSPVAPP LGPRYAVFPK DQRGPYPPDV
ASMGMRPHGF RFGFPGGSHG TMPSQERFLV PPQQIQGSGV
SPQLRRSVSV DMPRPLNNSQ MNNPVGLPQH FSPQSLPVQQ HNILGQAYIE
LRHRAPDGRQ RLPFSAPPGS VVEASSNLRH GNIFRPFDF GPRHTDPMRR
PPQGLPNQLP VHPDLEQVPP SQQEQQGHSVH SSSMVMRTLN
HPLGGEFSEA PLSTVPSSET TSDNLQITTQ PSDGLEEKLD SDDPSVKELD
VKDLEGVEVK DLDEDELENL NLDTEGKVV ELDTLDNLET NDPNLDDLRL
SGEFDIAYT DPELDMGDKK SMFNEELDLP IDDKLDNQC V SVEPKKKEQE
NKTLVLSKDH SPQKKSTVTN EVKTEVLSPN SKVESKETE KNDENKDNVD
TPCSQASAHS DLNDGEKTSL HPCDPDLFEK RTNRETAGPS ANVIQASTQL
PAQDVINSCG ITGSTPVLSS LLANEKSDNS DIRPSGSPPP PTLPASPSNH
VSSLPPFIAP PGRVLDNAMN SNVTVVS RVN HVFSQGVQVN PGLIPGQSTV
NHSLGTGKPA TQTGPQTSQS GTSSMSGPQQ LMIPQTLAQQ NRERPLLEE
QPLLLQDLLD QERQEQQQQR QMQAMIRQRS EPPFNIDFD AITDPIKAK
MVALKGINKV MAQNNLGMPP MVMSRFPFMG QVVTGTQNSE
GQNLGPQAIP QDGSITHQIS RPNPPNFGPG FVNDSSQRKQY EEWLQETQQL
LQMQQKYLEE QIGAHRKSKK ALSAKQRTAK KAGREFPEED AEQLKHVTEQ
QSMVQKQLEQ IRKQQKEHAE LIEDYRIKQQ QQCAMAPPTM MPSVQPQPL
IPGATPPTMS QPTFPMVPQQ LQHQQHTTVI SGHTSPVRMP SLPGWQPNNSA
PAHLPLNPPR IQPPIAQLPI KTCTPAPGTV SNANPQSGPP PRVEFDDNNP
FSESFQERER KERLREQQER QRIQLMQEVD RQRALQQRME
MEQHGMVGSE ISSRSTSVSQ IPFYSSDLPC DFMQPLGPLQ
QSPQHQQQMG QVLQQQNIQQ GSINSPSTQT FMQTNERRQV
GPPSFVPDSP SIPVGSPNFS SVKQGHGNLS GTSFQQSPVR PSFTPALPAA
PPVANSSLPC GQDSTITHGH SYPGSTQSLI QLYSDIIEE KGKKRTRKK
KRDDDAESTK APSTPHSDIT APPTPGISET TSTPAVSTPS ELPQQADQES
VEPVGPSTPN MAAGQLCTEL ENKLPNSDFS QATPNQQTYA NSEVDKLSME
TPAKTEEIKL EKAETESCPG QEEPKLEEQN GSKVEGNAVA CPVSSAQSP
HSAGAPAAKG DSGNELLKHL LKNKKSSSL NQKPEGSICS EDDCTKDNKL
VEKQNPAGL QTLGAQMGG FGCGNQLPKT DGGSETKKQR
SKRTQRTGEK AAPRSKRRKK DEEEKQAMYS STDTFTHLKQ QNNLSNPPTP



PASLPPTPPP MACQKMANGF ATTEELAGKA GVLVSHEVTK TLGPKPFQLP
 FRPQDDLLAR ALAQGPKTVD VPASLPTPPH NNQEELRIQD HCGDRDTPDS
 FVPSSSPESV VGVEVSRYPD LSLVKEEPPE PVPSPPIIPIL PSTAGKSSSES
 RRNDIKTEPG TLYFASPFPG SPNGPRSGLI SVAITLHPTA AENISSVVAA
 FSDLLHVRIP NSYEVSSAPD VPSMGLVSSH RINPGLEYRQ HLLLRGPPPG
 SANPPRLVSS YRLKQPNVPF PPTSNGLSGY KDSSHGIAES AALRPQWCCH
 CKVVILGSGV RKSFKDLTLL NKDSRESTKR VEKDIVFCSN NCFILYSSTA
 QAKNSENKES IPSLPQSPMR ETPSKAFHQY SNNISTLDVH CLPQLPEKAS
 PPASPIAFP PAFEAAQVEA KPDELKVTVK LKPRLRVHG GFEDCRPLNK
 KWRGMKWKKW SIHIVIPKGT FKPPCEDEID EFLKKLGTSL KPDPVPKDYR
 KCCFCHEEGD GLTDGPARLL NLDLDLWVHL NCALWSTEVY ETQAGALINV
 ELALRRGLQM KCVFCHKTGA TSGCHRFRCT NIYHFTCAIK AQCMFFKDKT
 MLCPMHKPKG IHEQELSYFA VFRRVYVQRD EVRQIASIVQ RGERDHTFRV
 GSLIFHTIGQ LLPQQMQAFH SPKALFPVGY EASRLYWSTR YANRRCRYLC
 SIEEKDGRP VVIRIVEQGH EDLVLSDISP KGVWDKILEP VACVRKKSEM
 LQLFPAYLKG EDLFGLTVSA VARIAESLPG VEACENYTFR YGRNPLMELP
 LAVNPTGCAR SEPKMSAHVK RFVLRPHLTN STSTSKSFQS TVTGELNAPY
 SKQFVHSKSS QYRKMKTEWK SNVYLARSRI QGLGLYAARD IEKHTMVIEY
 IGTIIRNEVA NRKEKLYESQ NRGVYMFMRD NDHVIDATLT GGPARYINHS
 CAPNCVAEVV TFERGHKIII SSSRRIQKGE ELCYDYKDFD EDDQHKIPCH
 CGAVNCRKWM N

Source	E.coli
Target Names	KMT2C
Protein Names	Recommended name: Histone-lysine N-methyltransferase MLL3 EC= 2.1.1.43 Alternative name(s): Homologous to ALR protein Lysine N-methyltransferase 2C Short name= KMT2C Myeloid/lymphoid or mixed-lineage leukemia protein 3
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	partial
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.