

(mu) MYCBP2

Expressed:

Mouse Mycbp2

Plasmid:

pSc-B-(mu)MYCBP2 nt6292 - 10,107

Parental Plasmid:

pSC-B

DU Number:

DU65485

Genbank:

NM_207215.2 ? NP_997098.2

Species:

Mouse

Synonyms:

Sequence of Insert:

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GGATCCTCTGGATGGCCTACTATGGTTTTAGTGTTGCCAGGAAATGAAGC
CCTTTTCTCACTGGAACTGCTTCAGATTATGTGAAAGATGACAAAGCCT
CCTTCTATGGGTTCAAGTGTTTTGCAATTGGATATGAATTTAGCCCTGGA
CCTGATGAGGGAGTTATTCAGCTGGAAAAGAATTAGCCAATCTTGGTGG
GGTTTGTGCCGCAGCCCTGATGAAGAAGGATCTCGCACTGCCTGTTGGTA
ACGAGTTGGAGGAAGATCTTGAAATTCTTGAAGAGGCTGCATTGCAGGTG
TGCAAACACTCACTCTGGCATTCTTGGAAAGGGTTTGGCTCTTTCATTC
ACCAACTATCTTAGAGGCACTTGAAGGAACTTGCCGCTTCAAATCCAAA
GCAATGAGCAGTCCTTTCTGGATGATTCATTGCTTGTGTCCCAGGGTCA
AGTGGTGGAAGGCTTGCAAGATGGCTTCAGCCAGATTCCTATGCTGACCC
TCAGAAAACCTTCGTTGATTCTGAATAAGGATGATATTCGCTGTGGCTGGC
CCACCACCATAACTGTTCAAACAAAAGACCAATATGGCGATGTGGTTCAT
GTTCCCAACATGAAGGTGGAAGTGAAAGCTGTACCTGTTTCTCAGAAAA
AACATCTTTGCAGCAAGATCAAGGAAAGAAATGTCAAAGGATTCCTGGCA
GCCCTCAGCAGCAGCTTCTAGCGCCGACATGACTTTTGGTGGGTTGGCA
TCCCCAAAGCTGGACGTCTCGTATGAGCCAATGATCGTCAAGGAGGCGCG
GTATATTGCCATAACAATGATGAAGGTATATGAAAACACTCATTGGAAG
AACTGCGTTTTGCATACCAACTCCGAAAAGGCCAGTGAAAATATGCTT
ATTGCTGTCAATAACGATGGGACCTACTGTGCAAACCTGGACTCCAGGGGC
TATCGGGCTCTACACTGTTTATGTGACCATTGATGGCATTGAAATAGATG
CTGGCCTTGAAGTAAAAGTCAAAGATCCACCAAAGGGGATGATCCCCCA
GGGACTCAGCTAGTCAAGCCGAAGGCAGACCCCCAGCCAATAAGATTGCG
AAAATTTGTGGCCAAGGACAGTGCTGGTCTCCGCATCCGGAGCCACCCTT
CCCTTCAGAGTGAACAGATTGGAATAGTGAGAGTCAATGGAACATCACT
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TTTATTGATGAGATCCACAATGATGATGGCGTGTGGTTGAGACTGAATGA
GGAGACAATAAAGAAGTATGTTCCCTAACATGAACGGTTACTGAAGCCT
GGTGCCTCTCTTTAACCAGCATCTTGGCAAGAGCCTTCTGGTCCCTGTT
GACGAACCTAAAATAACTGATGACTTTTTCAAAGACATGAACTCCTG
CGGCCACAGGAAGCAACAATGCAAGAACGAGATCACCCGTTCTTGAGAG
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ATCAGAAGCTGCCCTAACCTTAGAGGTATCCCAATTGGAATGTTAGTTCT
GGGAAACAAAGTCAAAGCAGTGGGAGAGGTAACCAATTCTGAAGGTGCAT
GGGTGCAGCTGGATAAGAACAGCATGGTAGAATTCTGTGAGAGTGATGAA
GGAGAGGCATGGTCCTTAGCTAGAGACAGAGGGCGGAAACCAGTACCTACG
GCATGAAGATGAACAAGTTCTGCTGGATCAGAATTCTCAACCTCCTCCTC
CAAGCCCTTTCTCAGTACAAGCTTTCAATAAAGGGGCAAGTTGCAGTGCC
CAAGGATTTGACTATGGCCTGGGAAATAACAAAGGTGACAGAGGAACTAT
CTCAACATCTTCAAGACCAGTGTCCACATCAGGGAAGTCAGAGCTGCCCT
CTAAGCACAGCAGGTCAGTTAAACCCGACGGGCATGTGAGCCGGACTCCT
GCTGACCAGAAGAAGCCACGGGGGACAGAAGGCTTATCTGCTAGTGAATC
CCTCATGTTAAAATCTGATGCTGCAAAGTTGAGGTCAGACTCCCATAGTA
GGTCCCTGTCCCCTAACATAACTCTGCAGACACTGAAGTCTGATGGG
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CCAGTACCAAAGGATCCTAAAGACTCCCAGGGTCTGAAAACAGAGCCCC
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CAAGCAAGCCATGTCCCCGTCTGTGGCTGAGcGTGCCAGAGCCGTCTTTG
CCTCTTTTTTGTGGCATGAAGGCATAGTACATGATGCAATGGCTTGTTCT
TCCTTCTGAAATTTAATCCTGACCTTTCAAAGAACATGCTCCTATAAG
AAGTAGTTTGAATAGCCAACCACCCACAGAGGAAAAGGAAATCAAGTTAA
AAAATAGACATTCATTGAAATATCGTCTGCTCTGAATATGTTTAACTT
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GGAAATCGGAAGCCACTTTTGAATGTCCATGCATCACACAATGAAGTCG
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AGAAAGATACCATCTGTGAGCTGTGTGGAGAATCCCATCCGTACCCAGTG
ACATATCACATGAGACAAGCTCACCCAGGTTGTGGCCGATATGCTGGTGG
ACAAGGATACAATAGCATTGGGCATTTTTGTGGAGGATGGGCTGGTAACT
GTGGTGATGGGGGAATGGGAGGAAGCACTTGGTACC

Amino Acid Sequence:

GSSGWPTMVLVLPGNEALFSLETASDYVKDDKASFYGFKCFAIGYEFSPG
PDEGVIQLEKELANLGGVCAAALMKKDLALPVGNELEEDLEILEEAALQV
CKTHSGILGKGLALSHSPTILEALEGNLPLQIQSNEQSFLDDFIACVPGS
SGRLARWLQPDSYADPQKTSLILNKDDIRCGWPTTITVQTKDQYGDVVH

VPNMKVEVKAVPVSQKKTSLQQDQGKCKQRIPGSPSAAASSADMTFGGLA
SPKLDVSYEPMIVKEARYIAITMMKVYENYSFEELRFASPTPKRPSENML
IRVNDGTTCANWTPGAIGLYTVHVTIDGIEIDAGLEVKVKDPPKGMIPP
GTQLVKPKADPQPNKIRKFKVAKDSAGLRIRSHPSLQSEQIGIVRVNGTIT
FIDEIHNDGCVLRLNEETIKKYVPNMNGYTEAWCLSFNQHLGKSLLPV
DEPKTNTDDFFKDMNSCGPQEATMQRDHPFLRGGPGMYKVVKTGPSGHN
IRSCPNIIRGIPIGMLVLGNKVAVGEVTNSEGAWVQLDKNSMVEFCESDE
GEAWSLARDRGGNQYLRHEDEQVLLDQNSQPPPPSPFSVQAFNKGASCSA
QGFDYGLGNNKGRGTISTSSRPVSTSGKSELPSKHSRSVKPDGHVSRTP
ADQKKPRGTEGLSASESLMLKSDAAKLRSDSHSRSLSPNHNTLQTLKSDG
RTSSGFRAESPGPGSRSSSPKPKPLTPRSSPSGASSPRSSSPQDKNLPQ
KSTAPAKTKLDPPRERSKSDSYTLDPDTRKKKMPLEPLRGRSTSPKPK
PVPKDPKDSPGSENRAPSPHVQENLHSEVVEVCTSSTLKTNVTDSTCD
DSGDLKSVDEGSNKVHFSIGKAPLKDEQEMRASPKISRKCANRHTRPKKE
KSNFLFKGDGTSLEPAKQAMSPSVAERARAVFASFLWHEGIVHDAMACS
SFLKFNPDLSKEHAPIRSSLNSQPPTTEEKEIKLKNRHSLEISSALNMFNI
APHGPDISKMGSIKKNKVL SMLKEPPLHEKCEDGKSEATFEMSMHHTMKS
KSPLPLTLQHLVAFWEDISLATIKAASQNMIFPSPGSCAVLKKKECEKEN
KKTKKEKKKKEKTEIRPRGNLFGEMAQLAVGGPEKDTICELCGESHYPV
TYHMRQAHPGCGRYAGGQGYNSIGHFCGGWAGNCGDGMGGSTWY

Bacterial Selection:

Amp, Kan

Comments:

From native BamHI site at nt6292 to native Kpn1 site at nt10,107. Comprises Gly2098-Tyr 3369 of full-length protein with the following changes: Deletion spanning N2549-Q2573, Deletion spanning D2735-S2786 and a single mutation at C3102>R (TGT > CGT)

Price per aliquot:

£125.00



University
of Dundee