53BP1 (mouse)

Plasmid:
pHR-SIN-CSGW HA (mouse) 53BP1 (lent)

Parent Plasmid:
pHR SIN CSGW

DU Number:
DU5731

Genbank:
NM_013735

Species:
Mouse

Synonyms:
TP53BP1

Sequence of Insert:
ACTAGTGCCACCATGTACCCATACGATGTGCCAGATTACGCCATGGACCCTACTGGAAGTCAAT
TGGATTCAGATTTCTCTCAGCAAGACACTCCTTGCCTGATAATAGAAGATTCTCAGCCTGAAAGC
CAGGTTCTGGAAGAAGATGCAGGCTCTCACTTCAGCGTGCTATCTCGACACCTTCCTAATCTGCA
GATGCACAAAGAGAACCCCGTGTTGGATATTGTATCAAATCCGGAACAATCTGCTGTAGAACAA
GGAGACAGTAATAGCTCATTCAATGAACATCTGAAAGAAAAGAAAGCTTCAGATCCTGTGGAGT
CTTCTCATTTGGGTACCAGTGGTTCCATCAGTCAGGTCATTGAACGGTTACCTCAGCCAAACAGG
ACAAGCAGTGCTCTGGCAGTGACAGTAGAAGCTGCTTCTCTCCCAGAGGAGGAGAAGGAAGAA
GAGGAGTTAGAGGAGAAGGAAGGGGTGGGAGCAAACGCTCCCGGTGCTGACTCCCTTGCTGCT
GAAGATTCTGCTTCATCACAGTTGGGCTTTGGAGTTCTGGAACTGTCCCAGAGCCAGGATGTTG
AAGAACATACAGTGCCATATGATGTCAACCAAGAGCATCTGCAGTTGGTGACCACTAACTCGGG
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CCTTGGAGCAAGGAAACAGACTGAGAGAGCAATATGGGCTTGGCCCATAT
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CAAGCAGTATACAGAATGCCAGCTTCGAGCAGGAGCTGGGTATATCCTTG
AAGACTTCAATGAAGCCCAGTGTAACACAGCCTACCAGTGTCTCCTAATT
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CATTCCTTGTGTGTCTCATGTCTGGGTCCATGACAGTTGCCATGCCAACC
AACTTCAAAACTATCGTAATTATCTGCTGCCTGCTGGGTATAGCCTTGAA
GAGCAACGAATTCTGGATTGGCAACCCCGTGAAAACCCTTTCCAGAATCT
GAAGGTCCTCTTGGTGTCAGATCAACAACAGAACTTCTTGGAGCTCTGGT
CTGAGATCCTCATGACTGGAGGGGCAGCCTCTGTGAAGCAGCACCATTCA
AGTGCCCACAACAAAGACATTGCTTTAGGGGTATTTGATGTGGTGGTGAC
AGACCCCTCATGCCCAGCCTCGGTGCTCAAGTGTGCTGAAGCCTTGCAAC
TGCCTGTGGTATCACAAGAATGGGTGATCCAGTGCCTCATTGTTGGGGAG
AGAATTGGATTCAAGCAGCATCCAAAATATAAACATGATTATGTTTCTCA CTAAACGCGT

Amino Acid Sequence:
MYPYDVPDYAMDPTGSQLDSDFSQQDTPCLIIEDSQPESQVLEEDAGSHF
SVLSRHLPNLQMHKENPVLDIVSNPEQSAVEQGDSNSSFNEHLKEKKASD
PVESSHLGTSGSISQVIERLPQPNRTSSALAVTVEAASLPEEEKEEEELE
EKEGVGANAPGADSLAAEDSASSQLGFGVLELSQSQDVEEHTVPYDVNQE
HLQLVTTNSGSSPLSDVDASTAIKCEEQPTEDIAMIEQPSKDIPVTVQPG
KGIHVVEEQNLPLVRSEDRPSSPQVSVAAVETKEQVPARELLEEGPQVQP
SSEPEVSSTQEDLFDQSSKTASDGCSTPSREEGGCSPVSTPATTLQLLQL
SGQKPLVQESLSTNSSDLVAPSPDAFRSTPFIVPSSPTEQGGRKDEPMDM
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SLPIPSQPEFSHDIFIPSPSLEEPSDDVKKGGGLHSSSLTVECSKTSESE
PKNFTDDLGLSMTGDSCKLMLSTSEYSQSSKMESLGSPRTEEDRENTQID
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PEEGFSGSEVEEVPETPCGSHREEPKEEAMESIPLHLSLTETQSEALCLQ
KEAPKEECPEAMEVETSVISIDSPQKLQVLDQELEHKDPDTWEEATSEDS
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PEEKRIECDGDSKAETTEKDAVTEDSPQPPLPSVRDEPVRPDQETQQPQV
QEKESPVTVDAEVADDKQLGPEGACQQLEKAPACASQSFCESSSGISNYP
ESTIATSDVTSESMVEINDPLLGNEKGDSESAPEMDGKLSLKMKLVSPET
EASEESLQFSLEKPTTAERKNGSTAIAEPVASLQKPVPVFGCIYEAQQEK
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VQTERGSGEKPASAPVDDTESLHSQGEEEFEMPQPPHGHVLHRHMRTIRE
VRTLVTRVITDVYYVDGTEVERKVTEETEEPIVECQECETEVSPSQTGGS
SGDLGDISSFSSKASSSHHTSSGTSLSAIHSSGSSGRGAGPLKGKASGTE

AADFALPSSRGGPGKLSPRKGISQTGAPVCEEDGDAGLGIRQGGKAPVTP
RGRGRRGRPPSRTTGTRETVVSGPLGVEDISPSMSPDDKSFTRIMPRVPD
STKRTDASSSTLRRSDSPEIPFQAATGSSDGLDSSSSGNSFVGLRVVAKW
SSNGYFYSGKITRDVGAGKYKLLFDDGYECDVLGKDILLCDPIPLDTEVT
ALSEDEYFSAGVVKGHRKESGELYYSIEKEGQRKWYKRMAVILSLEQGNR
LREQYGLGPYEAVTPLTKAADISLDNLVEGKRKRRSNISSPVTPTAASSS
STTPTRKATESPRASTGVPSGKRKLPTSEEERSPAKRGRKSATVKPGTVG
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CNTAYQCLLIADQHCRTRKYFLCLASGIPCVSHVWVHDSCHANQLQNYRN
YLLPAGYSLEEQRILDWQPRENPFQNLKVLLVSDQQQNFLELWSEILMTG
GAASVKQHHSSAHNKDIALGVFDVVVTDPSCPASVLKCAEALQLPVVSQE
WVIQCLIVGERIGFKQHPKYKHDYVSH*

Antibiotic:
Amp

Comments:
Plasmid for lentiviral expression in mammalian cells (SFFV promoter) N.B. Nucleotide sequence differences compared with NM_013735 CDS: Delta nt 2654-2773 (delta aa 885-924). t3255c, c3441t, t3468g, a4947g (all silent).

Price per aliquot:
£110.00