

Product datasheet for RC221458

UHRF1BP1 (NM_017754) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UHRF1BP1 (NM_017754) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	UHRF1BP1
Synonyms:	C6orf107; dj349A12.1; ICBP90
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC221458 representing NM_017754 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCGGGATCATTAAAGAAGCAGATCCTGAAACACCTGTCCCGTTCACTAAGAATCTTTCCCGAGACA
AAATCAACCTGAGCACCTGAAAGGGGAGGGTCAGCTGACCAACCTGGAGCTGGATGAAGAGTTCTACA
GAATGTACTGGAGCTGCCACCTGGTTAGCCATCACTCGGGTCTACTGCAACAGGGCCTCCATCCGGATC
CAGTGGACAAAGTTGAAGACACACCTATTTGCTTGTGTCTGGATAAGGTAGAGGTGGAGATGAAGACAT
GTGAGGATCCTCGCCCCCAATGGACAGTCTCCATTGCCCTTGCTTCAGGACAGAGTGAATATGGCTT
TGCCGAAAAGGTGGTGAAGGGATGTTTCATCATTGTCAATTCTATCACCATCAAGATTCCTCCAAGGCC
TTCCACGCTTCTTTGAATTGTGGCAGTCCAGGGCTATAGTGTCAACCCCAACTGGCAGCAGAGTGACC
TTCGCCTTACCCGCATCACTGACCCCTGCCGAGGAGAGTTTTAACATTTAAGGAAATAACTTGGCAAAC
ACTCCGAATTGAGGCAGATGCTACAGACAATGGTGATCAGGACCCAGTCACCACTCCATTGAGGCTTATT
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TGATGTTCTGTTGGATGACCTGCTCTGGGTGCTGACTGACTCACAGCTCAAGGCTATGATGAAGTATGC
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CATCTCCCGCCTGGACCTGCACATTTGTGATGATAGCCAGTCCCAGAGCCAGGTGTCTCTGCCAACAGA
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GGTACGGTGGATGACCTGGACATCCACCAGTTTCCACCGCTGGACAGCCAAGTAAAAAGCCATCTACA



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CTCCTTCTGCAGTCGGAACTTCACAACCTCCCTACCCAGGTCTCTGCCATTCAATTGAGTTCACAG
AGTATTACTTCCCAGATAATCAGGAGCTTCCAGTTCCTTGTCTAATCTCTACATTGAGTAAATGGTCT
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ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
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Protein Sequence: >RC221458 representing NM_017754
 Red=Cloning site Green=Tags(s)

MAGI IKKQILKHL SRFTKNLSPDKINLSTLKGEGQLTNLELDEEVLQNVLELPTWLAI TRVYCNRASIRI
 QWTKLKTHPICLCDKVEVEMKTCEDPRPPNGQSPIALASGQSEYGF AEKVVEGMFII VNSITIKIHSKA
 FHASFELWQLQGYSVNPNWQQSDLRLTRITDPCRGEVLT FKEITWQTLRIEADATDNGDQDPVTTPLRLI
 TNQGRIQIALKRRTKDCNVISSKLMFLDLDLLWVLTDSQLKAMMKYAESLSEAMEKSAHQKSLAPEPVQ
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 LMGGAMQLTFRKMAFDYYPFWAGDSCKHWVRHCEAMETRQWQAQKLVMEFQSKMEKWHEETGLKPPWHL
 GVDSLFRRKADSLSSPRKNPLERSPSQGRQPAFQPPAWNRLRSSCMVVRVDDLDIHQVSTAGQPSKPKST
 LLSCSRKLNHLPTQVSAIHIEFTEYYPDNQELPVPCPNLYIQLNGLTFTMDPVSLWGNLFCLDLYRSL
 EQFKAIYKLEDSQKDEHLDIRLDAFWLKVSPLEKRERAE LHRPQALVFSASGM IATNRHAPHCS CSD
 LQSLFRGFAAAEFHFSNYDHFVKVPGGFSLLHMLFLH HAFQMD SCLPQPNTLPPQRKASWDLWSVHFTQ
 ISLDFEGTENFKGHTLNFVAPFPLSIWACLPLRWQQAQARKLLLASEGRLKPSASFGSPVQSEALAPDSM
 SHPRSKTEHDLKSL SGLTEVMEILKEGSSGMDNKGPLTELEDVADVHMLVHSPA HVRVRLDHYQYLALLR
 LKEVLRQLQEQLTKDTE SMTGSPLNQNTACIGVLFP SAEVALLMHPAPGAVDADSAGSDSTSLVSELSP
 SEDRELKSDASSDQGPASPEKVL EESSIENQDV SQERPHSNGELQDSGPLAQQLAGKGHEAVESLQAKKL
 SRTQASSSPAALKPPAGRETA VNGQGELIPLKNIEGELSSAIHMTKDATKEALHATMDLTK EAVSLTKDA
 FSLGRDRMTSTMHKMLSLP PAKEMAKTDEGVAAPVSGGAARL RFFSMKR TVSQSFDGVS LDSSGPEDR
 ISVDSDGSDSFVMLLESESGPESVPPGSLSNVSDNAGVQGSPLVNNYGGQSPAANSSVSPSGEDLIFHPV
 SVLVLVKNEVSFGIEVRGEDLTV ALQAEELTLQQLGT VGLWQFLHGQCPGTCFQESSTLKTGHIRPAVGL
 RFEVPGAAVHSPLASQNGFLHLLLHGCDLELLTSVL SGLGPFL EDEEIPVVVPMQI ELLNSSITLKDDI
 PPIYPTSPGPIPI TLAMEHVVLKRSDDGVFHIGAAAQDKPSAEVLKSEKRQPPKEQVFLVPTGEVFEQQV
 KELPILQKELIETKQALANANQDKEKLLQEIRKYNPFFEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk8042_g12.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017754

ORF Size: 4320 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_017754.4](#)

RefSeq Size: 9658 bp

RefSeq ORF: 4323 bp

Locus ID: 54887

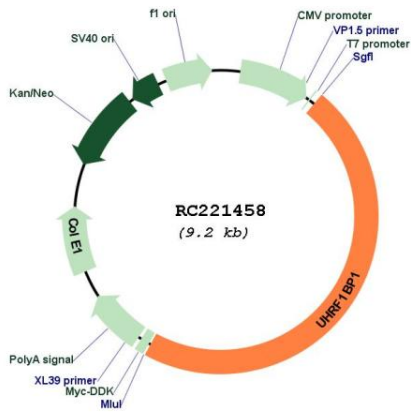
UniProt ID: [Q6BDS2](#)

Cytogenetics: 6p21.31

MW: 159.3 kDa

Gene Summary: May act as a negative regulator of cell growth.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC221458