

Product datasheet for SC310515

IKIP (IKBIP) (NM_201612) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IKIP (IKBIP) (NM_201612) Human Untagged Clone
Tag:	Tag Free
Symbol:	IKIP
Synonyms:	IKIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC310515 representing NM_201612. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTGAGGTGAAGAGCCGGAAGAAGTCGGGGCCCAAGGGAGCCCTGCTGCGGAGCCCGGGAAGCGG
AGCGAGGGCGGGAAGACCCCGTGGCCCGGAGCAGCGAGGCGGGGGCTGGGCAGACCCCGAACGTGC
CTGAGCCTGCTGTCGCTGGGGACGTGCCTGGGCCTGGCCTGGTTTGTATTCAGCAGTCAGAAAAATTT
GCAAAGGTGGAACCAATACCAGTTACTGAACTAGAAACCAATGAATCCAACAACCTCAAAGTAAA
ATCAGTTTAATTCAGAAAAGTGGCAGAAATCTGAAGCTATCATGGAACAATTGAAGTCTTTTCAAATA
ATTGCTCATCTAAAGCGTCTACAGGAAGAAATTAATGAGGTAAAACTTGGTCCAATAGGATAACTGAA
AAACAGGATATACTGAACAACAGTCTGACGACGCTTTCTCAAGACATTACAAAAGTAGACCAAAGTACA
ACTTCCATGGCAAAGATGTTGGTCTCAAGATTACAAGTGTAACAAACAGATATACGACGGATTTCAAGT
TTAGTAACTGATGTAATATCATTGACAGATTCTGTGCAAGAACTAGAAAAATAAATAGAGAAAGTAGAA
AAAAATACAGTAAAAATATAGGTGATCTTCTTCAAGCAGTATTGATCGAACAGCAACGCTCCGAAAG
ACAGCATCTGAAATTCACAAAGAATTAAGTCTGTTAAGAAGACGCTAACCGAACTAAAGAGTGACTTC
GACAAACATACAGATAGATTTCTAAGCTTAGAAGGTGACAGAGCCAAAGTTCTGAAGACAGTGACTTTT
GCAATGATCTAAACCAAAGGTGTATAATCTAAAGAAGGACTTTTCCCGTTTAGAACCATAGTAAAT
GATTTAACACTACGATTGGGAGATTGGTTACCGACTTACTACAAAGAGAGAAAGAAATGCTTTCTTA
AGTGAAAAAATATCTAATTTAACAATAGTCCAAGCTGAGATTAAGGATATTAAGATGAAATAGCACAC
ATTTGAGATATGAATTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites:	SgfI-MluI
ACCN:	NM_201612


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Insert Size:	1053 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_201612.2</u>
RefSeq Size:	1604 bp
RefSeq ORF:	1053 bp
Locus ID:	121457
UniProt ID:	<u>Q70UQ0</u>
Cytogenetics:	12q23.1
MW:	39.3 kDa
Gene Summary:	Target of p53/TP53 with pro-apoptotic function.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) uses an alternate exon at its 3'-terminal exon, compared to variant 1, which results in a protein (isoform 2) with a shorter and distinct C-terminus, compared to isoform 1.