OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC314113

IRF2BP2 (NM_182972) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IRF2BP2 (NM_182972) Human Untagged Clone
Tag:	Tag Free
Symbol:	IRF2BP2
Synonyms:	CVID14
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>SC314113 representing NM_182972.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCCGCGGCGGTGGCGGTGGCGGCCGCGTCCCGGCGGCAGTCGTGCTACCTGTGTGACCTGCCCCGC
ATGCCCTGGGCCATGATCTGGGACTTCACCGAACCCGTCTGCCGCGGCTGCGTCAACTACGAGGGCGCC
GACCGCGTCGAGTTCGTCATCGAGACGGCGCGGCAGCTCAAGCGGGCGCACGGCTGCTTCCCGGAGGGT
CGCTCCCCACCCGGCGCCGCGGCCTCGGCCGCCGCCAAGCCGCCGCCGCTCTCCGCCAAGGACATCCTT
TTGCAGCAGCAGCAGCAGCTTGGCCACGGCGGCCCCGAGGCGGCCCCGCGCGCGCCGCAGGCCTTGGAG
CGCTACCCGTTGGCGGCCGCGGCCGAGAGGCCCCCGCGCCTCGGCTCTGACTTCGGCAGCAGCCGCCCG
GCAGCGAGCCTGGCCCAGCCGCCGACGCCGCAGCCGCCGCCCGTGAACGGCATCCTGGTGCCCAACGGC
TTCTCCAAGCTAGAGGAGCCGCCCGAGCTGAATCGCCAGAGCCCGAACCCGCGGCGCGGCCACGCGGTG
CCGCCCACCCTGGTGCCGCTCATGAACGGCTCGGCCACGCCGCTGCCCACCGCGCTCGGCCTCGGCGGC
CGCGCTGCCGCCTCCTTAGCCGCGGTGTCCGGAACCGCGGCCGCCAGCCTGGGCTCCGCGCAGCCCACC
GATCTGGGCGCCCACAAGCGGCCGGCATCCGTGTCGAGCAGCGCTGCCGTGGAGCACGAGCAGCGTGAG
GCGGCAGCCAAGGAGAAACAACCGCCGCCGCCTGCGCACCGGGGCCCGGCCGACAGCCTGTCCACCGCG
GCCGGGGCCGCCGAGCTGAGCGCGGAAGGTGCGGGCAAGAGCCGCGGGTCTGGAGAGCAGGACTGGGTC
AACAGGCCCAAGACCGTGCGCGACACGCTGCTGGCGCTGCACCAGCACGGCCACTCGGGGCCCTTCGAG
AGCAAGTTTAAGAAGGAGCCGGCCCTGACTGCAGGCAGGTTGTTGGGTTTCGAGGCCAACGGGGCCAAC
GGGTCTAAAGCAGTTGCAAGAACAGCAAGGAAAAGGAAGCCCTCTCCAGAACCAGAAGGTGAAGTCGGG
CCCCCTAAGATCAACGGAGAGGCCCAGCCGTGGCTGTCCACATCCACAGAGGGGCTCAAGATCCCCATG
ACTCCTACATCCTCTTTTGTGTCTCCGCCACCACCCACTGCCTCACCTCATTCCAACCGGACCACACCG
CCTGAAGCGGCCCAGAATGGCCAGTCCCCCATGGCAGCCCTGATCTTAGTAGCAGACAATGCAGGGGGC
AGTCATGCCTCAAAAGATGCCAACCAGGTTCACTCCACTACCAGGAGGAATAGCAACAGTCCGCCCTCT
CCGTCCTCTATGAACCAAAGAAGGCTGGGCCCCAGAGAGGTGGGGGGCCAGGGAGCAGGCAACACAGGA
GGACTGGAGCCAGTGCACCCTGCCAGCCTCCCGGACTCCTCTCTGGCAACCAGTGCCCCGCTGTGCTGC
ACCCTCTGCCACGAGCGGCTGGAGGACACCCATTTTGTGCAGTGCCCGTCCGTCCCTTCGCACAAGTTC
TGCTTCCCTTGCTCCAGACAAAGCATCAAACAGCAGGGAGCTAGTGGAGAGGTCTATTGTCCCAGTGGG
GAAAAATGCCCTCTTGTGGGCTCCAATGTCCCCTGGGCCTTTATGCAAGGGGAAATTGCAACCATCCTT
GCTGGAGATGTGAAAGTGAAAAAAGAGAGAGACTCGTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites: SgfI-MluI

ACCN: NM_182972

Insert Size: 1764 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:	NM_182972.2
RefSeq Size:	4677 bp
RefSeq ORF:	1764 bp
Locus ID:	359948
UniProt ID:	Q7Z5L9
Cytogenetics:	1q42.3
Protein Families:	Druggable Genome
MW:	61 kDa
Gene Summary:	This gene encodes an interferon regulatory factor-2 (IRF2) binding protein that interacts with the C-terminal transcriptional repression domain of IRF2. Alternative splicing results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (A).