

Product datasheet for **RG208952**

IKIP (IKBIP) (NM_153687) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	IKIP (IKBIP) (NM_153687) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	IKIP
Synonyms:	IKIP
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG208952 representing NM_153687 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGTCGTGAGGTGAAGAGCCGGAAGAAGTCGGGGCCCAAGGGAGCCCTGCTGCGGAGCCCGGAAGCGGA
 GCGAGGGCGGGAAGACCCCGTGGCCCGGAGCAGCGGAGCGGGGCTGGGCAGACCCCGAACGTGCCT
 GAGCCTGCTGCTGCTGGGACGTGCCTGGGCTGGCCTGGTTTGTATTTCAGCAGTCAGAAAAATTTGCA
 AAGGTGGAACCAATACCACTTACTGAACTAGAAACCAATGAATCCAACAATTCAAAGTAAATCA
 GTTTAATTTAGAAAAGCTTGAGTCTACTGAAAGCATCCTGCAGGAAGCTACATCATCCATGTCTTTGAT
 GACCCAGTTTGAGCAGGAAGTATCCAACCTCCAAGATATCATGCATGACATTCAAAATAATGAAGAGGTG
 CTCACTCAAAGGATGCAAAGCCTTAATGAGAAATTTAGAAATATTACGGATTTCTGGAAGAGAAGCCTAG
 AAGAAATGAACATTAATACAGACATTTTCAAATCAGAAGCAAAACATATACATTCTCAAGTAACTGTCCA
 AATTAAGTCAAGTGAAGCAAGAAATGCTCACTGAACGGCTAAAAGATTTGGAAGATAGCACACTA
 AGAAATATTAGAACAGTAAAAAGACAAGAAGAAGATCTCTGCGAGTAGAGGAGCAGCTAGGCTCTG
 ATACAAAGGCAATTGAAAAGTTAGAAGAGGAACAGCATGCCCTCTTGCCAGAGATGAAGATCTGACTAA
 TAACTTTCCGACTACGAACCCAAAGTTGAAGAATGCAAGACACATTTGCCAACAATTGAAAGTGCTATT
 CACTCTGTTCTCAGAGTCTCTCAGGATCTGATAGAAACAGAAAAGAAAATGGAAGACTTGACTATGCAGA
 TGTTTAATATGGAAGATGATATGCTGAAAGCAGTGTCTGAAATAATGGAGATGCAGAAAACCTTGAAGG
 AATTCAAGTATGATAATAGCATATTAAGATGCAAAATGAACTGGATATTCTAAAAGAAAAAGTTCATGAT
 TTTATAGCATACTCAAGTACAGGAGAAAAGGGAACCTTTAAAAGAAATAATATAGAAAATAAGGAATTG
 GTGGTGATTTT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG208952 representing NM_153687
 Red=Cloning site Green=Tags(s)

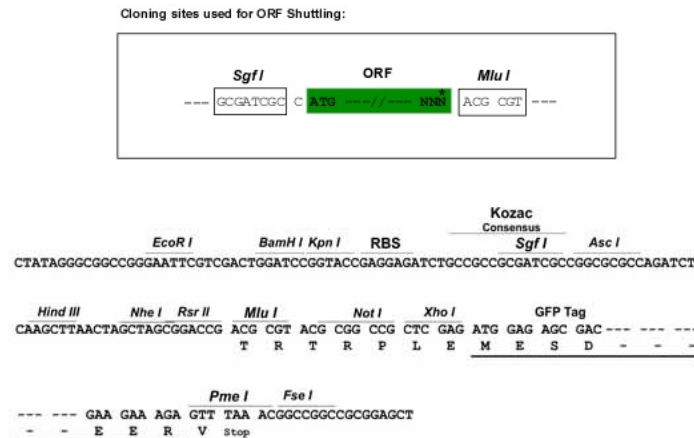
MSEVKSRRKSGPKGAPAAEPGKRSEGGKTPVARSSGGGGWADPRTCLSLSLGTCLGLAWFVFQQSEKFA
 KVENQYQLLKLETNEFQQLQSKISLISEKLESTESILQEATSSMSLMTQFEQEVSNLQDIMHDIQNNEEV
 LTQRMQSLNEKFQNIITDFWKRSLEEMNINTDIFKSEAKHIHSQVTVQINSAEQEIKLLTERLKDLEDSTL
 RNIRTVKRQEEEDLLRVEEQLGSDTKAIEKLEEQHALFARDEDLTNKLSDYEPKVEECKTHLPTIESAI
 HSVLRVSQDLIETEKMEDLTMQMFNMEDDMLKAVSEIMEMQKTLEGIQYDNSILKMQNELDILKEKVHD
 FIAYSSTGEKGTLEKEYNIENKGIGGDF

TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_153687

ORF Size: 1131 bp

OTI Disclaimer: 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_153687.4](#)

RefSeq Size: 2935 bp

RefSeq ORF: 1134 bp

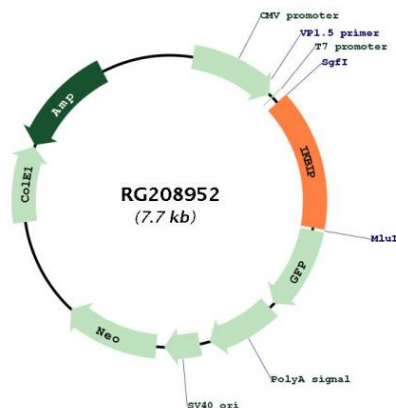
Locus ID: 121457

UniProt ID: [Q70UQ0](#)

Cytogenetics: 12q23.1

Gene Summary: Target of p53/TP53 with pro-apoptotic function.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG208952