

Product datasheet for **MG206355**

Ifi205 (BC040425) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ifi205 (BC040425) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Ifi205
Synonyms:	D3, D3cDNA
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG206355 representing BC040425 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGAATGAATATAAGAGACTTGTCTGCTGGAAGGACTTGAATGTATCAATAAGCATCAATTCAATT
TATTTAAGTCATTGATGGTCAAAGATTTAAATCTGGAAGAAGACAACCAAGAGAAATATACCACGTTTCA
GATTGCTAACATGATGGTAAAGAAATTTCCAGCTGATGCTGGATTGGACAGACTGATCAACTTTTGTGAA
CGTGTACCAACTCTTAAAAACGTGCTGAAATTTCTAAAAAGAGAGATCAGAAGTAACAGAAGAAACAT
CACTGGAATAAATAGGCAAGAAGCAAGTCTGCAACACCTACATCAACTACAAGCCACATGTTAGCATC
TGAAAGAGGCAAGACTTCCACAACCCAGGAAGAGACTTCCACAGCCAGAAAAGGAAAGGTATGAGTGAA
GAAAAGACTGACGTGAAGAAGATCAAGGCATCTGGGAAAGCAGATCAGCCTCCCTGTTGTGAAGGCCCA
CAGCCACATGCCAGTACCAATATCCCAGGTCTCATCTTCGGCTTCATCTAACATTCCTTCGGCTAAGAA
CCAAAAATCACAACCCAGAACCAAGCAATCCAGAGGTGCTGTTCTCCACTCAGAGCCCTGACAGTG
ATGGTGCTCACTGCAACAGACCCGTTTGAATATGAATCACCAGAACATGAAGTAAAGAACATGTTTCATG
CTACAGTGGCTACAGTGAGCCAGTATTTCCATGTGAAAGTTTTCAACATCGATTTGAAAGAGAAGTTCAC
AAAAAATAATTTATCACCATATCCAATTACTTTGAGAGCAAAGGCATCCTGGAGATCAATGAGACTTCC
TCTGTGTTAGAGGCTGCTCTAAACAAATGATTGAAGTGCCCACTGTATTACCAGAAATGCAAATGCCA
GTCTTAAGATCTGTGATTTCAAAGGGTACTTCTGGAACAGTGTCTATGGAGTGTTCATTACATTACAAA
GAAAAAAGTGAAAACACAGAACAAGCTATGAAATAAAAGATGGTTTCAGGAAGCATAGAAGTGGTGGGG
AGTGGACAATGGCACAACATCAACTGTAAGGAAGGAGATAAGCTCCACCTCTTCTGCTTTACCTGAAAA
GAGAAAGAGGACAACCAAGTTAGTGTGTGGAGACCACAGTTTCGTCAGGTCACCAAGGCTGGGAAAAA
AAAAGAAGCATCAACTGTCCAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG206355 representing BC040425
 Red=Cloning site Green=Tags(s)

MENEYKRLVLLGLECINKHQFNLFKSLMVKDLNLEEDNQEKYTTFQIANMMVKKFPADAGLDRLINFCE
 RVPTLKKRAEILKKERSEVTEETSLEINRQEASPATPTSTTSHMLASERGKTSTTQEETSTAQKRKGMSE
 EKTDVKKIKASGKADQPPCCGPTATCQSPISQVSSASSNIPSAKNQKSQPQNQIPRGAVLHSEPLTV
 MVLTAATDPFEYESPEHEVKNMFHATVATVSQYFHVKVFNIDLKEKFTKNNFITISNYFESKGILEINETS
 SVLEAAPKQMIIEVPNCITRANASPKICDIQKGTSGTVFYGVFTLHKKKVKTKQNTSYEIKDGSISIEVVG
 SGQWHNINCKEGDKLHLFCFHLKRERGQPKLVCGDHSFVKVTKAGKKKEASTVQ

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: BC040425

ORF Size: 1214 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.

RefSeq: [BC040425](#), [AAH40425](#)

RefSeq Size: 1696 bp

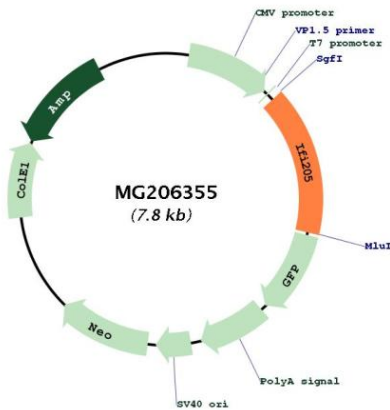
RefSeq ORF: 1214 bp

Locus ID: 226695

Cytogenetics: 1 80.83 cM

Gene Summary: May act as a transcriptional regulator in the myeloid lineage. Inhibits cell growth via p53/TP53 and RB1-dependent and independent pathways (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG206355