

Product datasheet for **MG207534**

Igh (BC018535) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Igh (BC018535) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Igh
Synonyms:	MGC18977
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG207534 representing BC018535
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGATGGAGCTGGATCTTTCTTCTCCTCTGTGAGGACTGCAGGTGTCTCTCTGAGGTCCAGCTGC
 AACAGTCTGGACCTGAGTTGGTGAAGACTGGGGCTTCAGTGAAGATGTCCTGCAAGGCTTCTGGATACAC
 ATTCAGTGACTACTACATGCACTGGGTGAAGCAGAGCCATGAAAAGAGCCTTGAGTGGATTGGATATATT
 TATCCTAACAAATGGTGGTAATGGCTACAACCAGAAGTTCAAGGGCAAGGCCACATTGACTGTAGACAAGT
 CCTCCAGCACAGCCTACATGGAGCTCCGCAGCCTGACATCTGAGGACTCTGCAGTCTATTACTGTGCAAG
 AGGATATATAAGTTACTATAGTTACGATCACTACTTTGACTACTGGGGCCAAGGCACCACATCACAGTC
 TCCTCAGCCAAAACAACAGCCCCATCGGTCTATCCACTGGCCCCGTGTGTGGAGATACTGCTCCT
 CGGTGACTCTAGGATGCCTGGTCAAGGGTTATTTCCCTGAGCCAGTGACCTTGACCTGGAAGTCTGGATC
 CCTGTCCAGTGGTGTGCACACCTTCCAGCTGTCTGCAGTCTGACCTTACACCCTCAGCAGCTCAGTG
 ACTGTAACCTCGAGCACCTGGCCAGCCAGTCCATCACCTGCAATGTGGCCACCCGGCAAGCAGACCA
 AGGTGGACAAGAAAATTGAGCCCAGAGGGCCACAATCAAGCCCTGTCTCCATGCAAAATGCCAGCACC
 TAACCTCTTGGGTGGACCATCCGTCTTTCATCTTCCCTCCAAAGATCAAGGATGACTCATGATCTCCCTG
 AGCCCCATGGTACATGTGTGGTGGTGGATGTGAGCGAGGATGACCCAGATGTCCAGATCAGCTGGTTTCG
 TGAACAACGTGGAAGTACTCACAGCTCAGACACAAACCCATAGAGAGGATTACAACAGTACTCTCCGGGT
 GGTGAGTCCCTCCCATCCAGCACCAGGACTGGATGAGTGGCAAGGAGTTCAAATGCAAGGTCAACAAC
 AAAGCCCTCCAGCGCCATCGAGAGAACCATCTCAAACCCAAAGGGTCAAGTAAAGCTCCACAGGTAT
 ATGTCTTGCCTCCACAGAAGAAGAGATGACTAAGAAACAGGTCACTCTGACCTGCATGGTCCAGACTT
 CATGCCTGAAGACATTTACGTGGAGTGGACCAACAACGGGAAAACAGAGCTAAACTACAAGAACAACACTGAA
 CCAGTCTGGACTCTGATGGTTCTACTTCATGTACAGCAAGCTGAGAGTGGAAAAGAAGAACTGGTGG
 AAAGAAATAGCTACTCTGCTCAGTGGTCCACGAGGGTCTGCACAATCACCACACGACTAAGAGCTTCTC
 CCGGACTCCGGTAAA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG207534 representing BC018535
 Red=Cloning site Green=Tags(s)

MGWSWIFLFLLSGTAGVLSEVQLQQSGPELVKGTGASVKMSCKASGYTFSDYYMHVWKQSHGKSLEWIGYI
 YPNNGGNGYNQKFKGKATLTVDKSSSTAYMELRSLTSEDSAVYYCARGYISYYSYDHYFDYWGQTTITV
 SSAKTTAPSVYPLAPVCGDITGSSVTLGCLVKGYFPEPVTLTWNSGSLSSGVHTFPAVLQSDLYTLSSSV
 TVTSSWPSQSIITCNVAHPASSTKVDKIEPRGPTIKPCPPCKCPAPNLLGGPSVFIKPKIKDVLMI
 SPMVTCVVVDVSEDDPDVQISWFWNNVEVLTAAQTQTHREDYNSLTVVSAALPIQHQQDMSGKEFKCKVNN
 KALPAPIERTISKPKGSVRAPQVYVLPPEEEMTKQVTLTCTMVTDFMPEDIYVEWTNNGKTELNYKNT
 PVLDSGGSYFMYSKLRVEKKNWVERNSYSCSVVHEGLNHHTTKSFSRTPGK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

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: [BC018535](#)

RefSeq Size: 1593 bp

RefSeq ORF: 1418 bp

Locus ID: 380793

Cytogenetics: 12 F2 | 12