

Product datasheet for **MR215394**

Mydgf (NM_080837) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Mydgf (NM_080837) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Mydgf
Synonyms: D17Wsu104e; Il25; Ly6elg
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR215394 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCAGCCCCAGCGGAGGCTTCTGGACTGCGGTGGTCTGCGGCCGCGAGCGCTGAAATTGGCCCGG
 CTGTGTCCGAGCCACCACCGTGCCATTTGACGTGAGGCCGGAGGGTCTGTCATTCTGTTCTCCAGGA
 CGTAGGACCCGGGAACAAGTTTACATGTACATTACCTACGTTCCCAAGGAGGGACCAACGAGCAATGG
 CAGATGAGCCTGGGACAAGTGAAGACAGCCAGCACTTTACCTGTACCATCTGGAGGCCAGGGGAAAT
 CCTACCTACTTCACACAGTTCAAGGCTGAGTTGCGAGGTGCTGAGATCGAGTATGCCATGGCCTACTC
 CAAAGCCGATTTGAGAGAGAGAGTGATGTCCCCCTGAAAAGTGAGGAGTTTGAAGTGACCAAGACAGCA
 GTGCTCACAGGCCTGGGCTTCAAAGCTGAGCTCTCCAAGCTGGTGATCGTAGCCAAGCGGCACGCT
 CGGAGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR215394 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPSGGFWTAVVLAALAAVSEPTTVPFVDPVPGGVVHSFSQDVGPGNKFTCTFTYASQGGTNEQW
 QMSLGTSEDSQHFTCTIWRPQKSYLYFTQFKAELRGAEIEYAMAYSKAFFERESDVPLKSEEFVTKTA
 VSHRPGAFKAELSKLVIVAKAARSEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_080837

ORF Size: 501 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: [NM_080837.2](#), [NP_543027.1](#)

RefSeq Size: 913 bp

RefSeq ORF: 501 bp

Locus ID: 28106

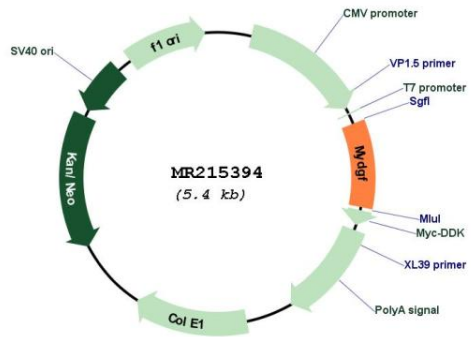
UniProt ID: [Q9CPT4](#)

Cytogenetics: 17 29.2 cM

MW: 18 kDa

Gene Summary: The protein encoded by this gene was previously thought to support proliferation of lymphoid cells and was identified in error as interleukin 25. This activity has not been reproducible, however, and the function of this protein is currently unknown. [provided by RefSeq, Jul 2008]

Product images:



Circular map for MR215394