

Product datasheet for **MG205672**

Ubfd1 (NM_138589) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubfd1 (NM_138589) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Ubfd1
Synonyms: A1467302; D7Wsu105e; D7Wsu128e; Ubph
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG205672 representing NM_138589
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTAAAGCGTGGCAGGGGCCGCGCCGGGAAGCGGAGGAGCGGGTCTCCATAGAAACCTCCACCTGTT
TCCGGCCAGCCTGTGTGAAATTAGGGCTGGTGCAGGGGCAATCTCCGCCAGCTCGTTCTTCCCGCG
GCCCTGCGGTCTGGTGGTGTGTACACAATCATCATGGCGCGGCCGAGCCCCGGATGGCATGGAG
GAGCCAGGCATGGACACGAGGCCGAGGCTGTGGCCACCGAGGCCCGCACGGCCCTCAACTGCGTGG
AGGCCGAAGCAGCCGTAGGGCAGCGGGGAGGACTCCTGCGACGCGGAGGCAACCTGCAGCCGCCCC
GGCCAGCCCCCTGGGGACCCTGCGGCCAGGCCCTCGGTGAGCAACGGCGAGGACGCGGGCGGGTGTG
GGCAAGGAGCTGGTGGATCTGAAGATAATCTGGAACAAGACCAACACGACGTGAAGTCCCTCTGGACA
GCACGGGTCCGAGCTAAAGCAGAAGATCACTCCATTACAGGTCTCCCACCTGCCATGCAGAAGGTCAT
GTATAAAGGACTTGTTCCTGAAGACAAGACTTTGAGAGAAATAAAAGTGACCAAGTGGGGCAAGATCATG
GTGTTGGTCTACTATAAATGATGTTTTAGCAGTAAACACCCCGAAAGATGCTGCCAGCAGGATGCAA
AGGCTGAAGAAACAAGAAGGAGCCCCCTGTCAGGCAGAAACACAGGAAAGTGTGGACAAGGGAAA
GCCTGAAGATGTGATGCCGTCTGTTAAGGGTGCCAGGAGCGCTGCCAACGGTACCCTTGTCTGGCATG
TACAATAAGTCTGGCGGAAAGTGAGGCTCACCTTTAAGCTAGAGCAAGACCAGCTGTGGATCGGCACTA
AAGAGCGGACTGAGAACTGCCCATGGGCTCCATTAATAAATGTGGTCAGTGAACCTATTGAAGGACATGA
AGACTACCACATGATGGCGTTTCAGTTGGGCCCCACGGAAGCCTTTACTACTGGGTGTACTGGTTCCA
ACTCAATATGGATGCAATCAAAGACACTGTGCTGGCAAGTGGCAGTATTTT

ACCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >MG205672 representing NM_138589
Red=Cloning site Green=Tags(s)

```
MLKRGRGRPGKRRRRVSIETSTCFRPACVKLGAGAGANLRQLASSRRPLRSWWVLYTIIMAAAGAPDGME
EPGMDTEAEAVATEAPARPLNCVEAEAAVGAAEDSCDARGNLQPAPAQPPGDPAAQASVSNGEDAGGGV
GKELVDLKIWNKTKHDVKVPLDSTGSELKQKIHSITGLPPAMQKVMYKGLVPEDKTLREIKVTSGAKIM
VVGSTINDVLAVNTPKDAQQDAKAEENKKEPLCRQKQHRKVLDKGKPEDVMPSVKGAQERLPTVPLSGM
YNKSGGKVRLTFKLEQDQLWIGTKERTEKLPMGSIKNVSEPIEGHEDYHMMAFQLGPTEASYWVYVWP
TQYVDAIKDVTVLGKWQYF
```

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_138589

ORF Size: 1104 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_138589.2](#), [NP_613055.2](#)

RefSeq Size: 4831 bp

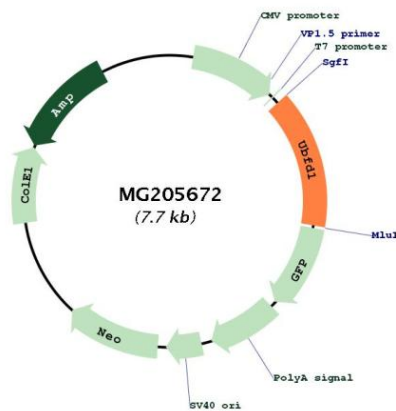
RefSeq ORF: 1107 bp

Locus ID: 28018

UniProt ID: [Q78JW9](#)

Cytogenetics: 7 65.35 cM

Product images:



Circular map for MG205672