

Product datasheet for **RR213348**

Ubfd1 (NM_001034911) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ubfd1 (NM_001034911) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Ubfd1
Synonyms: RGD1306614; Ubph
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR213348 representing NM_001034911
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCGCGCCGGAGCCCCGGATGGCATGGAGGAGCCAAGCATGGACACGGAGGCCGAGGCTGTGGCCA
CCGAGGCACCCGCACGGCCCTCAACTGCGTGGAGGCCGAAGCAGTCGTAGGGACAGCGCGGAGGACTC
CTGCGACGCGGAGGCAACCTGCAGCCGGCCCCGGCCAGCCCCCTGGGGACCCTGCGGCCAGGCCTCG
GTCAGCAACGGTGAGGACGCGGGTGGCGGTGCGGGCAGAGAGCTGGTGGATCTGAAGATAATCTGGAACA
AGACCAAGCACGACGTGAAGTTCCTCTGGACAGCACGGTTCGAGCTAAAGCAGAAGATTCACCTCCAT
TACAGGTCTCCACCCGCATGCAGAAAGTCATGTATAAGGGACTTGTTCTGAAGACAAGACGTTGAGA
GAAATAAAAGTGACCAAGTGGGGCCAAGATCATGGTGGTTGGCTCCACTATAAATGATGTTTTAGCAGTAA
ACACCCAAAAGATGCTGCCAGCAGGATGCAAAGGCTGAAGAAAGCAAGAAGGAGCCCTCTGCAGGCA
GAAGCAACACAGGAAAGTGTGGACAAAGGAAAACCTGAAGATGTGATGCCATCTGTTAAGGGTGCCAG
GAGCGCTGCCAACGGTACCCTTGTCTGGCATGTACAATAAGTCTGGAGGGAAAGTGAGACTGACCTTTA
AGCTAGAGCAAGACCAGCTGTGGATCGGCACTAAAGAGCGGACTGAGAACTGCCATGGGCTCCATTAA
AAATGTTGTGAGTGAACCTATTGAAGGACATGAAGACTACCACATGATGGCGTTTCAGTTGGGCCCCACG
GAAGCCTTTACTACTGGGTGTACTGGGTTCCAACCTCAATATGTGGATGCAATCAAAGACACTGTGCTGG
GCAAGTGCCAGTATTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR213348 representing NM_001034911
Red=Cloning site Green=Tags(s)

MAAAGAPDGMEEPMSMDTEAEAVATEAPARPLNCVEAEAVVGTAAEDSCDARGNLQPAPAQPPGDPAAQAS
 VSNGEDAGGGAGRELVDLKIWNKTKHDVKVPLDSTGSELKQKIHSITGLPPAMQKVMYKGLVPEDKTLR
 EIKVTSGAKIMVVGSTINDVLAVNTPKDAQQDAKAEESKKEPLCRQKQHRKVLDKGKPEDVMPSVKGAQ
 ERLPTVPLSGMYNKSGGKVRLETFKLEQDQLWIGTKERTEKLPMGSIKNNVSEPIEGHEDYHMMAFQLGPT
 EASYYYWVYVPTQYVDAIKDITVLGKWQYF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_001034911

ORF Size: 927 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_001034911.1](#), [NP_001030083.1](#)

RefSeq Size: 1235 bp

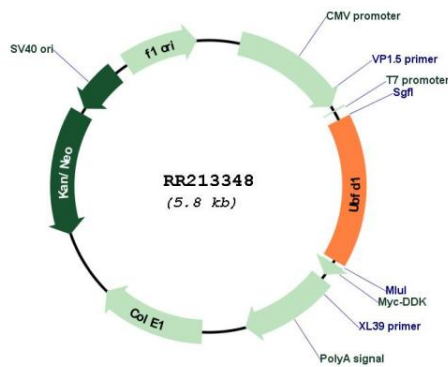
RefSeq ORF: 930 bp

Locus ID: 293454

Cytogenetics: 1q36

MW: 33.5 kDa

Product images:



Circular map for RR213348