

Product datasheet for **RN216877**

Ubp1 (NM_001191819) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ubp1 (NM_001191819) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Ubp1
Synonyms:	RGD1564700
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN216877 representing NM_001191819
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCCTGGGTGCTCAGTATGGACGAGGTGATCGAGTCCGGGCTGGTGCACGACTTCGACTCCAGCCTGT
 CCGGCATCGGACAAGAGCTGGGCCTGGCGCCTACAGCATGAGTATGTGTTGGCGCTACCCATTTCAA
 ACAAGAAGACTCCAGCCTTTCTTTGGAGGCTGAGGCCAAGCACCCCCATTCCAGTACGTAATGTGTGCT
 GCAACCTCACCAGCCGTGAAGCTGCATGATGAGACGCTCACTTACTTGAACCAAGGCCAGTCTTATGAAA
 TTCGGATGCTGGATAATCGCAAATGGGAGATGTGCCTGAGATCAGTGGGAAGTTGGTGAAGAGCATCAT
 AAGAGTGGTGTCCATGACAGACGGCTACAGTACACGGAGCATCAGCAGCTTGAAGGCTGGAAGTGAAT
 CGCCAGGAGACCGGCTTCTTGATTTAGATATTCCAATGTCTGTGGGAATAATTGACACAAGAACAATC
 CAAGCCAGTTAAATGCAGTTGAATTTCTGTGGACCCTGCAAAGCGCACATCTGCCTTCATTAGGTACA
 CTGTATCAGCACGAATTCACCCACGTAAGCATGGAGGTGAAAAGGAGTGCCTTTTAGGATCCAGGTT
 GACACCTTAAGCAGAATGAAAACGGGGAATACACAGATCATCTTCACTCAGCTAGCTGCCAAATCAAAG
 TCTTTAAGCCTAAAGGTGCGGACAGGAAACAAAAAATGACCGAGAAAAGATGGAGAAGAGAACAGCTCA
 TGAAAAAGAAAAGTATCAGCCGCTTACGACACCACCATCCTCACAGAGATGAGGCTTGAGCCTATAATT
 GAAGATGCAGTTGAACATGAGCAGAAAAAGTCCAGCAAGCGGACTTTGCCAGCAGACTACGGTGATTCTC
 TGGCAAAGCGAGGCGAGTTGCTCTCCATGGCCCCGACACCCCTACAGCCTATGTGAATAACAGCCCTCCCC
 AGCGCCCACTTTACCTCCTCACAGCAGACGAGTGCAGTGTCCAGACAGCAATTCTTCATCCCAAAAT
 CACCAGGGAGATGGAGTTGCACAGGCATCCGGGGAGCAAATTCAGCCTTCAGCTACAACCCAGGAAACAC
 AGCAGTGGCTGCTCAAAAACAGTTCTCTTCTACACAAGACTGTTCTTAATTTTTAGGTGCCGACTT
 ATTAAGCTGACAAAGGAGGATTTAGTTAGATTTGTGGTGCAGCCGATGGAATTAAGGCTCTATAATTCC
 CTGAAGTCAAGGTCGGTTAGGCCCGCTTAACCATCTATGTCTGCCAGGAGCAGCCGAGCAGTGTGTGC
 CACAAGGGCAGCCACAAGCTGCAGGCAGTGGAGGTGAAGGTGGCGCTGGGACGCCCTGCGTTTATCATGC
 AATCTACTTGAAGAAAATGGTTGCTTCAGAAGTTGCTCGAAAACCTGCCTCGGTGTTAATATTCTTTTC
 CACCAAATTAACCAGTTTACAGACAGGGCCCCACTGGTATCCACATTCTGTTAGTGACCAGATGGTTC
 AGAACTTTCAAGATGAGAGTTGTTTTTTATTCTCTACAGTAAAAGCTGAAAATAATGATGGTATTACAT
 AATTTTGAAG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001191819
- Insert Size:** 1623 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191819.1](#), [NP_001178748.1](#)

RefSeq Size: 2467 bp

RefSeq ORF: 1623 bp

Locus ID: 301038

Cytogenetics: 8q32