

Product datasheet for **SC122367**

OTUB2 (BC009615) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OTUB2 (BC009615) Human Untagged Clone
Tag:	Tag Free
Symbol:	OTUB2
Synonyms:	C14orf137; FLJ21916; MGC3102; OTB2; OTU2; OTU domain, ubiquitin aldehyde binding 2; ubiquitin-specific protease otubain 2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for BC009615 edited CTTTGGTTTGCGGAGCGGTCTGGGTGATTCTCCGCCGCCCCACGCCCTCGAGGTCCCCG CCACCGAACCAGCGGGGAGCCCGCCCGCGCCTCCCGCGCATTCCCGCACCGGATCGCT CCTCGCTGGGGCGGGACCTGGCCTGGCGGCTCTGGTCACTATGAGTGAACATCTTTCAA CCTAATATCAGAAAAATGTGACATTCTATCCATTCTTCGGGACCATCCTGAAAACAGGAT TTACCGGAGGAAAAATCGAGGAACTCAGCAAAAGTTACCGCCATCCGCAAGACCAAAGG GGATGGGAACTGCTTCTACAGGGCCTTGGGCTATTCTACCTGGAGTCCCTGCTGGGGAA GAGCAGGGAGATCTTCAAGTGAGTGCCGGGGCCCTTGGCCTGTCAGGGCTGTGTTCTCT GTGCTAGGTCAGCCTCAAGTCTCTCGGAGGTTTTCGTTACACTCAGGCTGGTTAACCAG AGAATGAGCTGAAGAGCTGCCTGGCAGAGGCGTTTGTGTTGGGGTGCCAGCTGCCTG CTGTGGTGAAGTTGGGGCAGCCAAGGGGTGGAGGATGGAATCTGTGACCTCCAGATGC TTTCCAGCCTCTGCTTCCACCACAGGCTGGGTCAGCCAGGTGAGTCGAGGGAGCAGG TACTTCGTGACCCACTCTGAAAAGAAAAGAAAAGACAAACAAAAAGAAAAAAAAAAAAAA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA AAAAAAAAAA



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5' Read Nucleotide Sequence: >OriGene 5' read for BC009615 unedited
 NCCCGAGCTTTATTTGTAACGACTTATATAGGCGGCCGCGNAATCCCGGNAATCGTCCG
 ACCCACGCGTCCGCTTTGGTTTGGGAGCGGTCCGGTGTATTCTCCGCCGCCACGCC
 CTCGAGGTCCCCGCCACCGAACCAGCGGCGGAGCCCGCCCGCCTCCCGCGCATTCCC
 GCACCGGATCGCTCCTCGCTGGGGCGGGACCTGGCCTGGCGGCTCTGGTCACTATGAGTG
 AAACATCTTTCAACCTAATATCAGAAAAATGTGACATTCTATCCATTCTTCGGGACCATC
 CTGAAAAACAGGATTTACCGGAGGAAAAATCGAGGAACTCAGCAAAAGGTTACCGCCATCC
 GCAAGACCAAAGGGGATGGGAAGTCTTCTACAGGCCTTGGGCTATTCTACCTGGAGT
 CCTGCTGGGGAAGAGCAGGGAGATCTCAAGTGAAGTCCCGGGGCCCTTGGCCTGTCAG
 GGCTGTGTTCTCTGTGCTAGGTCAGCCTCAAGTCTCTCGGAGTTTTTCGTTACACTCAGG
 CTGTTAACCCAGAGAATGAGCTGAAGAGCTGCCTGGCAGAGGCGTTTGATGTTGGGGGT
 GCCCAGCTGCCTGCTGTGGTGAAGTTGGGGCAGCCAAGGGGTGGAGGATGGAATCTGTG
 ACCTCCCAGATGCTTTCCAGCCTCTGCTCCACCACAGGCCTGGGTGAGCCAGGTGAGT
 CGCAGGNAGCANGTACTTCGTGACCACTCTGAAAAGAAAAGAAAAGACCAACCCNNANGN
 ANAAAAANNAANNANANNNNAAAAANNNNNAAAAANNNNNAAAAANAAAAANAAAAAA
 AANAAAAANAAAAAAAGGCCGGCCCGGTATAGCTGTTTCTGAACA

Restriction Sites: Please inquire

ACCN: BC009615

Insert Size: 790 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).

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: [BC009615.1](#), [AAH09615.1](#)

RefSeq Size: 790 bp

Locus ID: 78990

Cytogenetics: 14q32.12

Protein Families: Protease

Gene Summary:

This gene encodes one of several deubiquitylating enzymes. Ubiquitin modification of proteins is needed for their stability and function; to reverse the process, deubiquitylating enzymes remove ubiquitin. This protein contains an OTU domain and binds Ubal (ubiquitin aldehyde); an active cysteine protease site is present in the OTU domain. [provided by RefSeq, Aug 2011]