

Product datasheet for **SC125375**

OTUD6B (NM_016023) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: OTUD6B (NM_016023) Human Untagged Clone
Tag: Tag Free
Symbol: OTUD6B
Synonyms: CGI-77; DUBA-5; DUBA5; IDDFSDA
Mammalian Cell Selection: None
Vector: [pCMV6-XL5](#)
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_016023 edited
 GAATTCGGCACGAGGCCCTCGTGCCGAATTCGGCACGAGGGTGGAAAGTGCCTACTAGCCG
 GTGCAGGTTTCTTCTAGCGCGTGTGCTGGGGTACCTGGTCGTCATGGAGGCGGTATTGAC
 CGAAGAGCTTGTAGGGAAGAGCAGCTGCTGAGAAGGCATCGCAAAGAGAAGAAGGAGTT
 GCAAGCCAAAATT CAGGGCATGAAGAATGCTGTTCCCAAGAATGACAAGAAGAGGAGGAA
 GCAACTACCGAAGATGTGGCAAGTTGGAAAAAGAAATGGAACAGAAACATAGAGAGGA
 ACTGGAGCAATTGAAGCTGACTACTAAGGAGAATAAGATAGATTCTGTTGCTGTTAACAT
 TTCAAACCTTGGTCTTGAGAATCAGCCACCTCGGATATCAAAGCACAAAAGAGACGGGA
 AAAGAAAGCTGCATTGGAAAAGGAGCGAGAAGAACGGATAGCTGAAGCTGAAATTGAAAA
 CTTAACAGGAGCCAGACATATGGAAAGTGAGAACTTGCTCAAAATTTGGCAGCTAGACA
 GTTAGAAATTAACAGATTCCATCTGATGGCCACTGTATGTATAAAGCCATTGAAGATCA
 ACTGAAAGAAAAGGATTGTGCTCTGACTGTGGTTGCCCTTGAGAAGTCAGACCGCTGAGTA
 TATGCAAAGCCATGTGGAAGACTTTCTGCCATTTTTAACAAACCCCTAATACAGGAGATAT
 GTATACTCCAGAAGAATTT CAGAAGTACTGTGAAGATATTGTAACACAGCTGCATGGGG
 AGGTCAGCTTGAGCTAAGAGCTCTGTCTCACATTTTACAAACACCAATAGAGATAATACA
 GGCAGATTCTCCTCCCATTATAGTTGGTGAAGAATATTTCAAAAAACCACTAATACTTGT
 ATATATGAGACATGCATATGGCTTAGGAGAACATTATAATTCGGTTACACGGTTGGTAAA
 CATAGTTACTGAAAATTGCAGCTAATTTATACAATGTTGTACAATTATGTTTTAATACAG
 TGTGCTGAAGTGAATTTCTACCAAGTGTGGGTTGTTCTAAATGCTACTGAAAAACAC
 AACTACCTTATATCAGTTTTATGGCAAAGCTACTAACAGGTGTTTTTAGAAATATGTCAG
 AGATAAACTTTAACAGTGTCTTCTTAGTGAATTTTTAAAAATTTGTTAAGTTCATTGTA
 GAGAACACCATTATAGACCAAGATGGTCCCCTATTAGCTGATATTTTCATTTATGTAAG
 ATCCTGGACATTCTGTTTTGTGTTGGAACAAATTTCAATGTTTTAATTCTCCCTTTTC
 TGCCTGTTCTAAAAACTTTCAAATAACCATTTCAATGTAATTTGTCTTGAAGAAGTTT
 ACCCAATATCTTTGTCATTGCAATAATGTAGTATGGTATGGTCAATTTAATTATTGCTT
 ATAAAATGAAGTATTGCAGTAACCATGGTATCGATGAGACTAATGCAGTGAAGCTTTA
 TACTAATATATATAGCCTTATCAAAGCAAGCTAAGAAGCTTGCTTTGATAATTAATAAT



[View online »](#)

TTAAAAATATTTATTTAGATGGGATTCAGTTGTTTAAAGAAGTGAGATAAATTCAAAGGT
 AAATAGGTATTCTCTGTCAAATTTAAATCTCTAAAGAATTAGAGATTAGTTTTTTATTTG
 TGTATAATTTAAAAAGACCTAATAGGTTACTGTCTTTTAAATGCATTTGTTATTTCTTC
 GTATTTTTTAAGCATCGGACTGGAGTTAGTACCATCATCTTTGAGTCTTTCATAACTAC
 ACATTTTTATATTTCTTTTGTGTTTTCTACTTTGCTTTCCTGAAGGAACAAGCATTTT
 GTGGCCTTTACCTTGTGCAATTTTAGGGAGTAGCAGTGTAAAAGTCCAAGACCACATTT
 ACTTGAATTTCTCCTCTTTTCTGATTTGTCTTACCAGATATTTCCCTTCTTGCCTATT
 CTCTAGGATTTGAATAAAACCTTTGCCACTTATTTTATTAGCCTTATTAATGTCACTTT
 CCTTCAACTCAAATATTTGXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXCTCACACAG
 TATTCTTCTAAGAGGATATATACAAATGTCTCTCATAATTTATGTAAGGAAATATTATG
 AAAATGAGACTTTTTAGTTTGTGTGTTTCCCAAAGTAGAGATAAACTAGTAAGAT
 TTAGTATCGTTTATAACATTTGAATTTTGTCCATGAGTACAATAATTTTATAAGTA
 AATATTGGGTTTATGAAAAATGGGGTGCAGTCTTTTACACGCCAGCAGGTAACAA
 TGTGGGAAGCTGGCAGGGTCATTGATAGCAAGTAAGTACTTCTGAAGGCTTTCCAGTTC
 AAAAGATTACAAGCCATTCTGCCTGCCAAACAAATATATCTGAAGATGCCTGTTTTGT
 AACCTTGATGTGAATTTTTGGTGTCTGAAATTTACAAAAGAATGAAATTTGAAATTTGTA
 AAACACTAAATGCTTTGGGTTATTTTGAAGTAATCTGTTACTTTAAAATGTCAACATTA
 GGAAGCCATAAAACAAGATATTGAAACCCAGTATTATAAATGTTATCTACATCTAAAG
 TATTTTAAATAACTTATTGGCAGCTTTATTCTTTTTTCTTACAAGATTTAGAATCTT
 TTTGGTTATATGCTATTTTTCAATTTTGTATATTTTAAATTAAGTGGCCAATGTGGT
 TATGAACAAGATTTGTATGGTCAGCTTCTGTTCTTTCTAAAACCTCAGATAAATATCAT
 TTTAGCTATAACCTAAAAAGTGTTTAAATAAAATGACAGATGTTAATTTAAAAGCAGCA
 TATGCTAATTTACTTTTTCATATGATGATGGTCTAATGGAAGTTACATATGCTTTCTTT
 GTCTAACTCTGAAAAGTATATGTCAGAGTTCTGGAATATGTCTTTAGCCAAGAATTTTA
 TTCCTTAAATTTGTTTACAACCTGTATAAAGCAAAAAAGAATGTGTGTAACATAGTGA
 ACGCATAGTTTTGCTTATATTATGTGATGTTTGCCAAAAAATAAAAAAAAAACTCGAC

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_016023 unedited
 GGGGTTTCATATATTAGTATACGACTCATATAGGCGGCCGCGAAATTCGCACGAGGCCTCG
 TGCCGAATTCGGCAGCAGGGTGAAGGTGCCTACTAGCCGGTGCAGGTTTCTTCTAGCGC
 GTGTGCTGGGGTACCTGGTCGTCATGGAGCGGTATTGACCGAAGAGCTTGATGAGGAAG
 AGCAGCTGCTGAGAAGGCATCGCAAAGAGAAGAAGGAGTTGCAAGCCAAAATTCAGGGCA
 TGAAGAATGCTGTTCCCAAGAATGACAAGAAGAGGAGGAAGCAACTCACCGAAGATGTGG
 CCAAGTTGAAAAAGAAATGGAACAGAAACATAGAGAGGAACTGGAGCAATTGAAGCTGA
 CTACTAAGGAGAATAAGATAGATTCTGTTGCTGTTAACATTTCAAACCTGGTGCTTGAGA
 ATCAGCCACCTCGGATATCAAAGCACAAAAGAGACGGGAAAAGAAAGCTGCATTGGAAA
 AGGAGCGAGAAGAACGGATAGCTGAAGCTGAAATTTGAAAACCTAACAGGAGCCAGACATA
 TGGAAAGTGAGAACTTGCTCAAATATTGGCAGCTAGACAGTTAGAAATTAACAGATTC
 CATCTGATGGCCACTGTATGTATAAAGCCATTGAAGATCAACTGAAAGAAAAGGATTGTG
 CTCTGACTGTGGTTGCCTTGAGAAGTCAGACCGCTGAGTATATGCAAAGCCATGTGGAAG
 ACTTTCTGCCATTTTAAACAAACCCTAATACAGGAGATATGTATACTCCAGAAGAATTTT
 AGAAGTACTGTGAAGATTTGTAACACAGCTGCATGGGGAGGTGAGCTTGAAGTAAAGAG
 CTCTGTCTCACATTTTACCAACCAATAGAGATAAATACAGGCAGATTCTCCTCCATTAT
 AGTTGGTGAAGAATATTCAAAAAACCTATACTT

3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_016023 unedited CGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTTTTGGCAAACATCACATAATAT AAGCAAACACTATGCGTTCACATAGTTACACACATTCTTTTTTGCTTTATACAAGTTGTA AACAAATTTAAGTGAATAAAATCTTGGCTAAAGACATATTCCAGAACTCTGACATATAC TTTTCAGAGTTAGGACAAAAGAAAGCATATGTAACCTCCATTAGACCATCATCATATGAA AAAGTAAATTAGCATATGCTGCTTTTAAATTAACATCTGTCATTTTATTTAAACACTTTT TTAGGTTATAGCTAAAAATGATATTTATCTGAAGTTTTAGGAAAGAACAGAAGCTGACCAT ACAAACTTGTTATAACACACATTGGCCACTTAAATTAATAAATAACAAAATTGAAAAA TAGACATATAACCAAAAAGATTCTAAATCTTGTAAGGAAAAAAGAATAAAGCTGCCAAT AAGTTATTTAAATACTTTAGATGTAGATAACATTTATAATACTGGGTTTCATAATATC TTGTTTTATGGCTTCTAATGTTGACATTTTAAAGTAACAGATTACTTCAAATAAACCC AAAGCATTAGTGTTTACAATTTCAATTTCAATTTCTTTGTAAATTTGAGACACCAAAAA ATTCACATCAAGGGTTACAAAACAGGCATCTTCAGAATAAATTTGTTTGGCAGGCAGAA TGGCTTGAATCTTTGAACTGGAAAGCCTTCAGGAAGTACTTACTTGCTTCAATGACCC TGNNCAGCTCCACATTGTTACCTGCTGGGCGTGTGAAAGACTGACACCCATTTTCATATA ACCCAATATTTACTATAAAAATAGTGACTCATGGAGCANAATCAATGGTATAACGATA CTAATCTACTAGTTTATCTCTATTGGGAAACCACATCAACTAAAAGTCCATTTCTAAATT CC</p>
Restriction Sites:	NotI-NotI
ACCN:	NM_016023
Insert Size:	3160 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	<ol style="list-style-type: none"> 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_016023.2 , NP_057107.2

RefSeq Size: 3166 bp

RefSeq ORF: 882 bp

Locus ID: 51633

UniProt ID: [Q8N6M0](#)

Cytogenetics: 8q21.3

Domains: OTU

Protein Families: Protease

Gene Summary: This gene encodes a member of the ovarian tumor domain (OTU)-containing subfamily of deubiquitinating enzymes. Deubiquitinating enzymes are primarily involved in removing ubiquitin from proteins targeted for degradation. This protein may function as a negative regulator of the cell cycle in B cells. [provided by RefSeq, Nov 2013]
Transcript Variant: This variant (1) encodes the longer isoform (1). CCDS Note: The coding region has been updated to shorten the N-terminus to one that is more supported by conservation.