

Product datasheet for **RG236455**

OTUD6B (NM_001286745) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: OTUD6B (NM_001286745) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: OTUD6B
Synonyms: CGI-77; DUBA-5; DUBA5; IDDFSDA
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236455 representing NM_001286745.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGATATCTAAGGAAAAGAAAGCTGCATTGAAAAAGGAGCGAGAAGAACGGATAGCTGAAGCTGAAATT
GAAAACCTAACAGGAGCCAGACATATGGAAAGTGAGAACTTGCTCAAATATTGGCAGCTAGACAGTTA
GAAATTAACAGATTCCATCTGATGGCCACTGTATGTATAAAGCCATTGAAGATCAACTGAAAGAAAAG
GATTGTGCTCTGACTGTGGTTGCCTTGAGAAGTCAGACCGCTGAGTATATGCAAAGCCATGTGGAAGAC
TTTCTGCCATTTTAACAAACCCTAATACAGGAGATATGTATACTCCAGAAGAATTCAGAAGTACTGT
GAAGATATTGTAACACAGCTGCATGGGAGGTCAGCTTGAGCTAAGAGCTCTGTCTCACATTTTACAA
ACACCAATAGAGATAATACAGGCAGATTCTCCTCCATTATAGTTGGTGAAGAATATTCAAAAAACCA
CTAATACTTGTATATATGAGACATGCATATGGCTTAGGAGAACATTATAATTCGGTTACACGGTTGGTA
AACATAGTTACTGAAAATTGCAGC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236455
Blue=ORF Red=Cloning site Green=Tag(s)

```
MISKEKKAALEREERIEAEIENLTGARHMESEKLAQILAARQLEIKQIPSDGHCMYKAIEDQLKEK
DCALTVALRSQTAEYMQSHVEDFLPFLTNPNTGDMYTPPEEFQKYCEDIVNTAAWGGQLELRALSHILQ
TPIEIIQADSPPIIVGEEYSKKPLILVYMRHAYGLGEHNSVTRLVNIVTENC
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLSRDGGYSSVVDSHMHFKSAIHP SILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

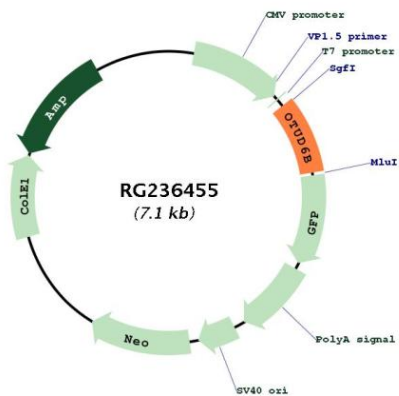
Restriction Sites: Sgfl-MluI



Cloning Scheme:


- ACCN:** NM_001286745
- ORF Size:** 576 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).
- RefSeq:** [NM_001286745.2](#)
- RefSeq Size:** 3452 bp
- RefSeq ORF:** 579 bp
- Locus ID:** 51633
- UniProt ID:** [Q8N6M0](#)
- Cytogenetics:** 8q21.3
- Protein Families:** Protease
- MW:** 22.3 kDa
- 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]

Product images:



Circular map for RG236455