

Product datasheet for **RG218984**

OTUD3 (NM_015207) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OTUD3 (NM_015207) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OTUD3
Synonyms:	DUBA4
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG218984 representing NM_015207 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCCGAAAGCAGGCGGCGAAGAGCCGGCCGGCAGCGCCAGCCGAAAGCCGAGGCCGAGCGCAAGC
GGGACGAGCGGGCGGCGCCGGGCCCTGGCCAAGGAGCGCGGAATCGGCCGGAGTCTGGCGGCGGCGG
CGGCTGCGAGGAGGAGTTCGTCAGCTTCGCCAACCAGCTGCAGGCCCTGGGGCTGAAGCTGCGGGAGGTG
CCGGGGGACGGCAATTGCTTGTTCAGAGCTCTTGGTGATCAATTGGAGGGACACTCACGAAATCATCTCA
AGCACAGACAGGAGACAGTGGACTACATGATAAAGCAGCGGAAGATTTGAACCCTTTGTAGAAGATGA
CATTCCTTTTGAGAAGCATGTGGCCAGTTTGGCAAAGCCTGGTACTTTTGTGGCAATGATGCAATTGTA
GCCTTTGCAAGAAATCATCAGTTGAATGTAGTGATTTCATCAACTTAATGCCCTTTGTGGCAGATTCGTG
GTACAGAGAAAAGCAGCGTGAGGGAGTTACACATCGCATATCGGTATGGAGAGCACTACGACAGTGTTCG
GAGGATCAATGACAACCTCAGAGGCACCTGCACATCTCCAGACGGATTTTCAGATGCTTCATCAAGATGAA
TCAAATAAAAGAGAAAAGATCAAGACAAAGGGAATGGACTCTGAAGACGACCTGAGAGATGAAGTAGAGG
ATGCTGTCCAGAAAGTTTGTAAATGCAACTGGATGTTTCAGATTTAATTTAATAGTCCAGAACCTGGAAGC
TGAAAATTATAATATTGAATCTGCAATAATTGCCGTGCTTCGGATGAACCAAGGGAAGAGAAATAATGCA
GAAGAAATCTTGAGCCCAGTGGTTCGAGTGTGAAGCAGTGTGGCCCTTTGTGGAGGAGGTTGGCAGTG
GTGCCAGAAATCTTGAAATCAGGGCTTAAATGAAGGCAGGACCGAAAACAATAAGGCACAGGCCAGCC
TAGTGAAGAAAACAAAGCAAATAAAAACCAAGCTCGCAAAGGTCACAAAACAACAGAGGCGGAGAACAGCAG
TGGATGGAGAAGAAGAAGCGGCAGGAGGAGAGGCCACCGCCACAAAGCCCTGGAGAGCAGAGGTAGCCACA
GGGACAATAACAGAAGCGAAGCAGAGGCGAACACGCAGGTCACCTTGGTGAAGACCTTCGCCGCTCTCAA
CATC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG218984 representing NM_015207
 Red=Cloning site Green=Tags(s)

MSRKQAASRPGSGSRKAEAEERKRDARAARRALAKERRNRPESGGGGGCEEEFVSFANQLQALGLKLREV
 PGDGNCLFRALGDQLEGHSRNHLKHRQETVDYMIKQREDFEPFVEDDIPFEKHVASLAKPGTFAGNDAIV
 AFARNHQLNVIHQLNAPLWQIRGTEKSSVRELHIAYRYGEHYDSVRRINDNSEAPAHLQTDQMLHQDE
 SNKREKIKTKGMDSEDDL RDEVEDAVQKVCNATGCSDFNLI VQNLEAENYNI ESAI IAVLRMNQGKRNN A
 EENLEPSGRVLKQCGPLWEEGGSGARIFGNQGLNEGRTENNKAQASPSEENKANKNQLAKVTNKQRREQQ
 WMEKKKRQEERHRHKALESRGSHRDNNRSEAEANTQVTLVKTF AALNI

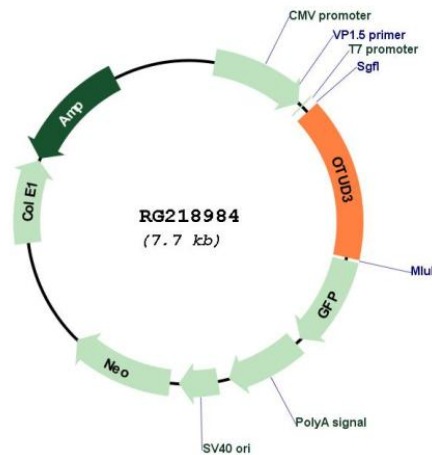
TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_015207

ORF Size:	1194 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:	<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_015207.2
RefSeq Size:	6523 bp
RefSeq ORF:	1197 bp
Locus ID:	23252
UniProt ID:	Q5T2D3
Cytogenetics:	1p36.13
Gene Summary:	Deubiquitinating enzyme that hydrolyzes 'Lys-6'- and 'Lys-11'-linked polyubiquitin. Also hydrolyzes heterotypic (mixed and branched) and homotypic chains.[UniProtKB/Swiss-Prot Function]