

Product datasheet for **RG213015**

OTUD7A (NM_130901) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	OTUD7A (NM_130901) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	OTUD7A
Synonyms:	C15orf16; C16ORF15; CEZANNE2; OTUD7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG213015 representing NM_130901
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTTTCTAGTGTGCTTCCAAACCCACCTCGGCTGAGTGTGGCAGCACTTCTACATGATCCTATGA
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ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence: >RG213015 representing NM_130901
 Red=Cloning site Green=Tags(s)

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MVSSVLPNPTSAECWAALLHDPMTLDMDAVL SDFV RSTGAEPGLARDLLEGKNWDLTAALSDYEQLRQVH
TANLPHVFNEGRGPKQPEREPQPGHKVERPCLQRQDDIAQEKRLSRGISHASSAIVSLARSHVASECNNE
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GERKFI FAGLLL TSHRHQFHEEMIGYYL TSAQERFSAEQEQR RDAATAAAAAAAAAAATAKRPPRRPET
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TRTRPLE – GFP Tag – V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

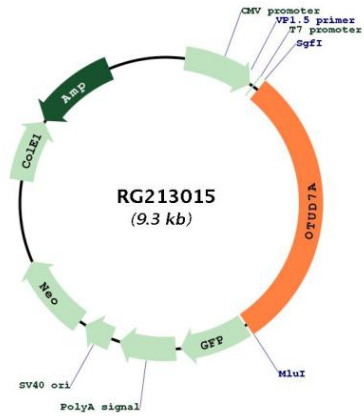


ACCN:

NM_130901

ORF Size:	2778 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_130901.3
RefSeq Size:	3042 bp
RefSeq ORF:	2781 bp
Locus ID:	161725
UniProt ID:	Q8TE49
Cytogenetics:	15q13.3
Domains:	zf-A20
Gene Summary:	The protein encoded by this gene is a deubiquitinating enzyme and possible tumor suppressor. The encoded protein acts on TNF receptor associated factor 6 (TRAF6) to control nuclear factor kappa B expression. However, this gene is downregulated by SNAIL1 in hepatocellular carcinoma cells, contributing to their progression and malignancy. [provided by RefSeq, Aug 2016]

Product images:



Circular map for RG213015