

Product datasheet for **RG205756**

UTP25 (NM_014388) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	UTP25 (NM_014388) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	UTP25
Synonyms:	C1orf107; DEF; DIEXF; DJ434O14.5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

```
>RG205756 representing NM_014388
Red=Cloning site Blue=ORF Green=Tags(s)
```

TTTTGTAATACGACTCACATATAGGGCGGCCGGGAATTCTGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGC**

ATGGGCAACACGCGGGAGCCGGAGCCAGAGCCAGCTACTCAACACCCCTAACTAAAAAGCAGAAGAAACATC
TTCGAGATTTTCGGCGAGGAGCATCCCTTCTATGACAGGGTTTCCAGAAAGGAAGCAAAGCCACAGATTTG
TCAGCTGTCAGAGAGTTCAGATTCTTCAGATTCTGAAAGCGACTCAGAGAGTGAACCACAACAAGTTTCT
GGCTACCACAGACTACTTGCTACATTAAAGAATGTTTCTGAGGAAGAAGAGGAAGATGAGGAGGAGGAAG
AGGAAGAAGACAGTATTGTAGATGATGCAGAAATGAACGATGAAGATGGTGGTAGCGATGTCAGTGTGGA
AGAAGAGATGGCTGCAGAGTCTACTGAAAGTCCAGAGAAATGTAGCTTTATCTGCTGACCCTGAGGGAAAA
GAAGATGGGGAAGAGCCACCGGCACATCACAACATCCCCGAAGAGTTCACAGATGCAAAACACGAGT
CACTGTTTCAGCCTGGAACCAATTTTCTGGAAGAGGAAAGTGGAGACAACCTCTTCTTTGAAAGCCTCTCA
AGATCCATTTCTTCAACATGTGAACAAAGAACTGAAAGAAAAAGCAATTCAGGCTGTTGCCACAAATCCC
AAAACCTACCCACGAGCTTAAATGGCCTATTCTGGGCCAGCTTTTCTTTTCTCTAAGTTTCAGAAGTTGG
AAACATTTAAACCCCCAAAGGATATTGACTTAAAGTCACTTCATCTCCAGAAGCCTCTGGAATCCACCTG
GACTAAGACCAACAGCCAGTTCCTATCTGGTCCCCAAAAATCAAGCAGCCCATTCACCCCCCTCCAGAAA
GAACCTCTCTTAATTATGAATTTCTACCGGAGCTGTTCTACCCGAAAGGACTGCTCTGAAGAAGCGGG
AAGAGATTCGCCATGTGTATTGCTGCAATGTGATTAATCATCATCTCAAAGCCAATTGCCAGGCTGCTTTGG
CAACAATAGCAGACGCCGAAGCCAAAGTTTGGAGTGGGTGATGATGACTTTCAGAGCCAAGGGTTA
ACAAGGCCCAAGGTACTGATAGTGGTGCCATTCCGGGAAGCTGCTTTGCGGGTGGTGCAGCTCTTCATCA
GCCTCTCGAGGGTGACAGCAAGAAGAAAATCATTGTGAGCAACAAAAAGAGGTTTCAGGGAGAATATGG
ATCAGATCCCGAGGAGAGACCACCCAACCTGAAGAGGCCTGAGGATTATGAAGCCGTAATTTGTGGGCAAT
ATTGATGACCACTTCAGGATTGGAGTGGCAATACTTCAGAGAAGCATCCGACTCTATGCCCGTTTTACT
CCTCGGATATCCTCATTGCTTCCCCCTGGGCTTGAGGACCATCATTGGTGGAGAAGGAGAGAAGAAGAG
AGATTTTGACTTTCTGTCTTCTATCGAGCTTCTCATCATTGATCAAGCTGACATTTACCTGATGCAGAAC
TGGGAGCATGTCTGCATTTGATGAATCATATGAACCTACTACCCCTGGACTCACATGGGGTAGACTTTT
CTCGAGTGCGGATGTGGAGCCTCAATAATTGGTCCAAGTACTATCGCCAGACACTGCTATTTGGGGCCCT
TCAGGATGCCAGATCAACTCAGTGTTCAACAAGTACTGTGTCAACATGCAAGGCCAGGTGGCCGTGAGG
AATGTCCCAATGACAGGCTCTATCAGTCATGTCTGGTGACGCTCCACATGTCTTCAGAGGATGGAAG
CTGAAACCTAGCTTCAGTGATTGATGCCAGGTTTAACTTTTTTGTGAACAAGATTTTGCCACAGTATCG
TGATGCAGTCATGTCTCACAGCTCATCTATATCCCCTCCTACTTTGACTTCGTGCGTCTTCGAAATTAC
TTCAAGAAGGAGGAATTGAATTTTACCACATCTGCGAGTACACGCAGAAGTCTGGTGTCTCCAGGGCCA
GACACTTCTTCTTCAAGGAGAGAAAACAGTTTCTACTTTTCACAGAGCGCTTCCATTTCTACAAAAGGTA
TACAATAAAGGCATCAGGAACCTGATTTTCTATGAACGCCACATCCACACTTTTACAGTGAATC
TGTAATATGCTGAGAGCCACCAACAGAGAGAGAAGGCCACGTGGAGCTGCACTGTTTCTCTACTCCAAAT
ATGATGCCCAGAGTTAGCTGCCGTGGTTGGTGTGGAGCGGGCGGCACAGATGCTACAGTCCAACAAGAA
TGTCCACCTCTTCATTACTGGAGAAAAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG205756 representing NM_014388
 Red=Cloning site Green=Tags(s)

MGKRGSRSQSLLNTLTKKQKKHLRDFGEEHPFYDRVSRKEAKPQICQLSESSDSSDSESDSESEPQQVS
 GYHRLATLKNVSEEEEEDEEEEEEDSIVDDAEMNDEGGSDVSVEEEMAAESTESPENVALSADPEGK
 EDGEPPGTSQTSPEEFTDAKHESLFSLETNLEEESGDNSSLKASQDPFLQHVNKELKEKAIQAVATNP
 KTTHELKWPILGQLFFSSKFQKLETFKPPKDIDLKSLHLQKPLESTWTKTNSQFLSGPQKSSSPFTPLQK
 ELFLIMNSYRDLFYPERTALKNGEEIRHVYCLHVINHILKANAQVLGNNSRRRSQKFGVGDDDDFRDQGL
 TRPKVLIVVPFREAALRVVQLFISLLEGDSKKKIIVSNKKRFQGEYGSPEERPPNLKRPEDYEAVFVGN
 IDDHFRIGVAILQRSIRLYAPFYSSDILIASPLGLRTIIGGEKEKKRDFDLSSIELLIIDQADIYLMQN
 WEHVLHLMNMHMLLPLDSHGVDLSRVRMWSLNNWSKYRQTLLFGALQDAQINSVFNKYCVNMQQQVAVR
 NVPMTGSISHVLVQLPHVQRMEAENLASVIDARFNFFVNKILPQYRDAVMSHTLIYIPSYDFVRLRNY
 FKKEELNFTHICEYTKSGVSRARHFFLQGEKQFLFTERFHFYKRYTIKIRNLIFYELPTYPHFYSEI
 CNMLRATNRGEEATWTCTVLYSKYDAQRLAAVGVVERAAQMLQSNKNVHLFITGEK

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_014388

ORF Size: 2268 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:

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_014388.2](#)

RefSeq Size: 8463 bp

RefSeq ORF: 2271 bp

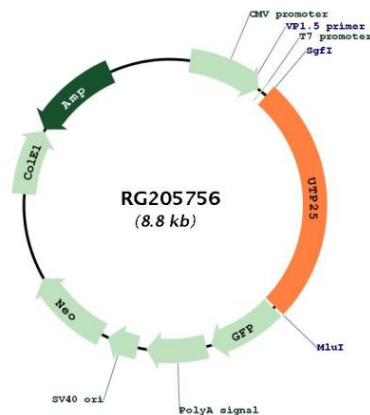
Locus ID: 27042

UniProt ID: [Q68CQ4](#)

Cytogenetics: 1q32.2

Gene Summary: Regulates the p53 pathway to control the expansion growth of digestive organs.
[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG205756