

Product datasheet for **SC115027**

UTP25 (NM_014388) Human Untagged Clone

Product data:

| | |
|---------------------------|----------------------------------------|
| Product Type: | Expression Plasmids |
| Product Name: | UTP25 (NM_014388) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | UTP25 |
| Synonyms: | C1orf107; DEF; DIEXF; DJ434O14.5 |
| Mammalian Cell Selection: | None |
| Vector: | <u>pCMV6-XL5</u> |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_014388, the custom clone sequence may differ by one or more nucleotides

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ATGGGCAAACGCGGGAGCCGGAGCCAGAGCCAGCTACTCAACACCCTAACTAAAAAGCAGAAGAAACATC
TTCGAGATTTGCGCGAGGAGCATCCCTTCTATGACAGGGTTTCCAGAAAGGAAGCAAAGCCACAGATTTG
TCAAATGTCAGAGAGTTCAGATTTCTCAGATTTCTGAAAGCGACTCAGAGAGTGAACCACAACAAGTTTCT
GGCTACCACAGACTACTTGCTACATTAAGAATGTTTCTGAGGAAGAAGAGGAAGATGAGGAGGAGGAAG
AGGAAGAAGACAGTATTGTAGATGATGCAGAAATGAACGATGAAGATGGTGGTAGCGATGTCAGTGTGGA
AGAAGAGATGGCTGCAGAGTCTACTGAAAGTCCAGAGAATGTAGCTTTATCTGCTGACCCTGAGGGAAAA
GAAGATGGGGAAGAGCCACCGGGCACATCACAACATCCCCGAAGAGTTCACAGATGCAAAACACGAGT
CACTGTTGAGCCTGAAACCAATTTTCTGGAAGAGGAAAGTGGAGACAACCTTTCTTTGAAAGCCTCTCA
AGATCCATTTCTCAACATGTGAACAAAGAACTGAAAGAAAAAGCAATTCAGGCTGTTGCCACAAATCCC
AAAACACCCACGAGCTTAAATGGCCTATTCTGGGCCAGCTTTTCTTTCTCTAAGTTTCAGAAGTTGG
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GAACTCTTCTTAATTATGAATCTTACCGGACCTGTTCTACCCGAAAGGACTGCTCTGAAGAACGGGG
AAGAGATCCGCCATGTGTATTGCCTGCATGTGATAAATCACATCCTCAAAGCCAATGCCAGGTGCTTGG
CAACAATAGCAGACGCCGAAGCCAGAAGTTGGAGTGGGTGATGATGATGACTTCAGAGACCAAGGGTTA
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GCCTCCTCGAGGGTGACAGCAAGAAGAAAATCATTGTGAGCAACAAAAGAGGTTTCAGGGAGAATATGG
ATCAGATCCCAGGAGAGACCACCAACTGAAGAGCCCTGAGGATTATGAAGCCGATTTGTGGCAAT
ATTGATGACCCTCAGGATTGGAGTGGCAATACTTCAGAGAAGCATCCGACTCTATGCCCGTTTTACT
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AGATTTTGACTTTCTGTCTTCTATCGAGCTTCTCATCATTGATCAAGCTGACATTTACCTGATGCAGAAC
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AATGTCCCAATGACAGGCTCTATCAGTCATGCTGCTGGTGCAGCTCCACATGTCTCCAGAGGATGGAAG
CTGAAAACCTAGCTTCAGTGATTGATGCCAGGTTAACTTTTTTGTGAACAAGATTTGCCACAGTATCG
TGATGCAGTCATGTCTCACACGCTCATCTATATCCCCTCTACTTTGACTTCGTGCGTCTTCGAAATTAC
TTCAAGAAGGAGGAATTGAATTTACCCACATCTGCGAGTACACGCAGAAGTCTGGTGTCTCCAGGGCCA
GACACTTCTTCTCAAGGAGAGAAACAGTTTCTACTTTTTCACAGAGCGCTTCCATTTCTACAAAAGGTA
TACAATAAAAGGCATCAGGAACCTGATTTTCTATGAACTGCCGACATATCCACACTTTTACAGTGAATC
TGTAATATGCTGAGAGCCACCAACAGAGGAGAAGAGGCCACGTGGACCTGCACTGTTCTCTACTCCAAAT
ATGATGCCAGAGGTTAGCTGCCGTGGTGGTGGAGCGGGCGGCACAGATGCTACAGTCCAACAAGAA
TGTCACCTCTTCACTACTGGAGAAAAATGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_014388 unedited
 CGGGGTGCATTTGTAACGACTCCTATAGGCGGCCGCGNAATTCGCACGAGCAACCGCG
 ACTCTTGACAGTGGGCAAACCTTGACGTTTTTCGCTATGGGCAAACGCGGGAGCCGGAGCCAG
 AGCCAGCTACTCAACACCCTAACTAAAAAGCAGAAGAACATCTTCGAGATTTTCGGCGAGG
 AGCATCCCTTCTATGACAGGGTTTCCAGAAAGGAAGCAAAGCCACAGATTTGTCAACTGT
 CAGAGAGTTCAGATTTCTCAGATTCTGAAAGCGACTCAGAGAGTGAACCAACAACAGTTT
 CTGGCTACCACAGACTACTTGTACATTAAGAATGTTTTCTGAGGAAGAAGAGGAAGATG
 AGGAGGAGGAAGAGGAAGAAGACAGTATTGTAGATGATGCAGAAATGAACGATGAAGATG
 GTGGTAGCGATGTCAGTGTGGAAGAAGAGATGGCTGCAGAGTCTACTGAAAGTCCAGAGA
 ATGTAGCTTTATCTGCTGACCCTGAGGGAAAAGAAGATGGGGAAGAGCCACCGGGCACAT
 CACAAACATCCCCGAAGAGTTCACAGATGCAAAACACGAGTCACTGTTTCAGCCTGGAAA
 CCAATTTTCTGGAAGAGGAAAGTGGAGACCAACTTCTTTGAAAGCCTCTCAAGATCCA
 TTTCTTCAACATGTGAACAAAGACCTGAAAGAAAAAGCAATTCAGGCTGTTGCCACAAT
 CCCAAACTACCCACCAGCTTATATGGCCTATTCTGGGCCAGCTTTTCTTTTCTCTAATT
 TCACAAGCTGGAACATTAACCCCAAGGATATGGACTTAAAGCACCTCATCTCCAAAAC
 CCTCTGGAATCCACCTGGACTAAGACCAACAGCCAGTTCCCTTATTGGGCCCCCAAAATCA
 AGGCGCCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_014388 unedited
 TAGAGTCGAGTTTTTTTTTTTTTTTTTTTGTGTTTTTAAATAACGTGATTTTAAGCATAT
 ATTTGAACAAAATAAAACATTTAGTATTATGAATATGAAAAAGATCAGTAAATCAATG
 TACTCTTCTAGGCTGAATTAAGGTAGACTATTTAAGGTTTCAAAAAGTTTGGCTGGGGC
 AGAATAAGTTTTACAAAACCCATGCCATCCAAAATTAAGATGACATGTAGCAGCAAGAAG
 TATTCATGTCTCATAACCAGTTCTCGCAAGCAATGTGTATTCCCTTACTTTAAGGAAGT
 GTCAAACAAAATAGAAAACTGGGAAGAATTTACTAAGTGAATAAATTAGAGGTAATTCG
 TAATAAAGAAATTTATGTCTCACAAAAATTCACAAGTGGGAGTTTTCTTCTACCAACT
 TCTCAGAGTCTTCTAGCCCCCTTCACTTCTGAAAGATGGGATTTACCAAAATCTGGT
 TTACATTTAACTTTTCANGGACACATGACCTGAANAGAAAAGATGTCAGATAAATACTGACA
 TTGCCTCATGCACTTTCTTTGTATCAGTCTTCTTCTGTAAGTAAATCAGAAATTTGGTCC
 AAATGGCATAGAATCAAACATTTATGTATCATGCCAAATACCCTTTCTGCCCAACAAAT
 TCCATTTTCTCCAGTAATGAAAGAGGTGGACATTCCTTGTGGACTGTANCATCTTGTGC
 CGNCCCGCTCAAACCAACCACGGAAGTTAACTCTTGGGCATAATTTTTGGAGTAGAG
 GACAGTTGCAAGGCCACGGTGGGCCTTTTCTCCTCTGTTTGGGGGCTCTAAGCATAATAC
 ACGATTTCACTGTNAAAAGTGGTGAGAATGTTGCGCAGGTTTATAGAAAATCAAGTCTCC
 TGGATGCTCTTTATTGGATACCCCTTTGAAAAAGGAAACCCCTCTGGAATGTGACACCG
 TGTCTTTCTTGAAGGAAAAATGTTTGCCTTGAACACAACATTTGCGTGTCTCCAAT
 TGGGGAATAAATCCCCCTTTGAAGATTTCCGAACACCAAGCCAATGGAGGGTATAT
 A

Restriction Sites:

NotI-NotI

ACCN:

NM_014388

Insert Size:

3080 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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.

RefSeq: [NM_014388.4](#), [NP_055203.3](#)

RefSeq Size: 8505 bp

RefSeq ORF: 8505 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]