

## Product datasheet for SC211220

### Vesicle docking protein p115 (USO1) (NM\_003715) Human 3' UTR Clone

#### Product data:

|                           |                                                                                                                                                                                                                                                    |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Type:             | 3' UTR Clones                                                                                                                                                                                                                                      |
| Product Name:             | Vesicle docking protein p115 (USO1) (NM_003715) Human 3' UTR Clone                                                                                                                                                                                 |
| Symbol:                   | Vesicle docking protein p115                                                                                                                                                                                                                       |
| Synonyms:                 | P115; TAP; VDP                                                                                                                                                                                                                                     |
| Mammalian Cell Selection: | Neomycin                                                                                                                                                                                                                                           |
| Vector:                   | pMirTarget (PS100062)                                                                                                                                                                                                                              |
| ACCN:                     | NM_003715                                                                                                                                                                                                                                          |
| Insert Size:              | 1021 bp                                                                                                                                                                                                                                            |
| Insert Sequence:          | <p>&gt;SC211220 3'UTR clone of NM_003715</p> <p>The sequence shown below is from the reference sequence of NM_003715. The complete sequence of this clone may contain minor differences, such as SNPs.</p> <p>Blue=Stop Codon Red=Cloning site</p> |

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
GATCCTGGCAAGGATCTAGATCATATCAGTTTTCAAATCTCTAGGAACAATAGAGATTATATCATAAC
TCTGAAGATGGACTCTAACTTTGGTTTACCTCCATGGAAATAAAGATTTAGAAACCAGGTGAAAAAC
ATCACTATTAAGACTATTGATATATTTTGTAAATGTTGCCACCATGTTGAAAACCTTAAACTGAAT
TTATGTAGAACACACATCTTTTATTTAAATCCATCTGAACTGTCCAAAATGTAATTTGCAAAGAGCTT
CAAACACCAAAAATATAACATTTTAAGGCATGTGGTGACAATGCTATTTGCCTTAGTTCATTTCGTTGTT
TACTTTGCAAAATTTGTGACTTTTAAGTACTAACACATTTGATTGAATGTGTATTGAATTGGAATTATT
ATTTCTAAATTCAGCATTTGAGTCCTTAGTTGATGATTTTCTTTTAAAGAAATTAGTTTATTTTAAAGC
AAGATAGCCTGGGTTGGGAGTTAGTGCATATCATCAGCCCTCCATCTAATGTGATTGCTAAGATGTGCA
GGATAGGACAGCTTAGAATGAGTGCCTTGACACCTACATATGGCTGCATTCCATACCTCAGTGAAGAAG
CCGAAGGATGCTGACACACAGTGATGTGGAGGGCATTCCGGAGAACTTTTGCAACAGTGTATTAATGT
GATTGGTTTTCTTTTGTTTTAAAGCTAAACATCTAAAACAAAATTTCAAGTTAACAGTTCATACAACCTCA
GATTTAGTAGTATTGTTTATCATAAAACATATTATGTTCTAGTTTTAAAAAGACCCAAAGTATGATTA
ATATAATTTATTGCAATTTTGGCTGAATAGGTTTAAAGTCAGATAATAGATTTTAAAAAGCAAAATGAGG
CAATGTGTCAAAATTTAATGTTTCATAATAAAAAATAGATACGTTGACTTAATCCTTGGTTCATGGTTCCC
TTTGTTCATCTTAAAGTATTTTATTCTTAATAAAAGATGAGGCAAGTGAAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI


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|-----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| OTI Disclaimer: | Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).                                                                                                                                                                                                                                                                                                                                                                                                  |
| Components:     | The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| RefSeq:         | <u><a href="#">NM_003715.4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Summary:        | The protein encoded by this gene is a peripheral membrane protein which recycles between the cytosol and the Golgi apparatus during interphase. It is regulated by phosphorylation: dephosphorylated protein associates with the Golgi membrane and dissociates from the membrane upon phosphorylation. Ras-associated protein 1 recruits this protein to coat protein complex II (COPII) vesicles during budding from the endoplasmic reticulum, where it interacts with a set of COPII vesicle-associated SNAREs to form a cis-SNARE complex that promotes targeting to the Golgi apparatus. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014] |
| Locus ID:       | 8615                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| MW:             | 39.5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |