

Datasheet for ABIN3388517

Human LINC00301 cDNA Clone in Mammalian Expression Vector

Overview

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|--------------|-----------------------------|
| Quantity: | 10 µg |
| Gene: | LINC00301 |
| Species: | Human |
| Insert: | cDNA |
| Vector: | Mammalian Expression Vector |
| Application: | Protein Expression (PEXP) |

Product Details

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|-----------------------|--|
| Purpose: | Untagged full-length cDNA clone from Human C11orf64 is ideal for over-expression of native protein for functional studies. |
| Brand: | TrueClones® |
| Insert Length: | 767 bp |
| Vector Backbone: | pCMV6-XL5 |
| Promoter: | Enhanced CMV Promoter, T7 Promoter |
| Bacterial Resistance: | Ampicillin |
| Expression Type: | Transient |
| Characteristics: | <ul style="list-style-type: none"> • These cDNA clones are isolated from full-length cDNA libraries and usually contain the coding sequence as well as the untranslated regions (UTRs) of the mRNA transcript appropriate to the library from which they were isolated. • These cDNA clones are ideal for over-expression of native proteins for functional studies. Provided as 10 µg transfection-ready plasmids. • Every lot of primer is tested to provide clean sequencing of cDNA clones. |
| Purification: | The DNAs were purified using PowerPrep HP Plasmid isolation kits for transfection ready plasmids. |

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Product Details

Sequencing Primer: VP1.5 (forward) 5'GGACTTTCCAAAATGTTCG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'

Components:

- The cDNA clone is shipped in a 2-D bar-coded Matrix tube as dried plasmid DNA.
- The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

Target Details

Gene: LINC00301

Alternative Name: C11orf64

NCBI Accession: [NM_174939](#), [NP_777599](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: RT, -20 °C

Storage Comment: The lyophilized plasmid is stable for up to one year when stored at ambient temperature. Following dissolution in 100 µL dH₂O, store at -20 °C. Lyophilized primers are stable for up to one year when stored at ambient temperature. Following dissolution in 10 µL dH₂O, store at -20 °C.

Expiry Date: 12 months

Publications

Product cited in: Yang, Zhang, Lian, Haig, Bhattacharjee, Jevnikar: "IL-37 inhibits IL-18-induced tubular epithelial cell expression of pro-inflammatory cytokines and renal ischemia-reperfusion injury." in: **Kidney international**, Vol. 87, Issue 2, pp. 396-408, (2015) ([PubMed](#)).