

Datasheet for ABIN3320776

## Human ALG1L2 cDNA Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

### Overview

|              |                             |
|--------------|-----------------------------|
| Quantity:    | 10 µg                       |
| Gene:        | ALG1L2                      |
| Species:     | Human                       |
| Insert:      | cDNA                        |
| Vector:      | Mammalian Expression Vector |
| Application: | Protein Expression (PEXP)   |

### Product Details

|                       |   |
|-----------------------|---|
| Purpose:              | Untagged full-length cDNA clone from Human ALG1L2 is ideal for over-expression of native protein for functional studies.  |
| Brand:                | TrueClones®   |
| Vector Backbone:      | pCMV6-Entry   |
| Promoter:             | Enhanced CMV Promoter   |
| Selectable Marker:    | Neomycin  |
| Bacterial Resistance: | Kanamycin   |
| Expression Type:      | Transient   |
| Specificity:          | With the native stop codon at the end of the ORF the C-terminal Myc-DDK tag in the vector won't be expressed.   |
| Characteristics:      | <ul style="list-style-type: none"> <li>• 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.</li> <li>• These cDNA clones are ideal for over-expression of native proteins for functional studies. Provided as 10 µg transfection-ready plasmids.</li> </ul> |

Order at [www.genomics-online.com](http://www.genomics-online.com)

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## Product Details

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- 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.

Sequencing Primer: VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 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

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Gene: ALG1L2

Alternative Name: ALG1L2

NCBI Accession: [NM\\_001136152](#), [NP\\_001129624](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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 dH<sub>2</sub>O, store at -20 °C. Lyophilized primers are stable for up to one year when stored at ambient temperature. Following dissolution in 10 µL dH<sub>2</sub>O, store at -20 °C.

Expiry Date: 12 months

## Publications

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Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)