

Datasheet for ABIN3391132

## Human NLRP13 cDNA Clone in Mammalian Expression Vector

### Overview

Quantity:	10 µg
Gene:	NLRP13
Species:	Human
Insert:	cDNA
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Untagged full-length cDNA clone from Human NLRP13 is ideal for over-expression of native protein for functional studies.
Brand:	TrueClones®
Insert Length:	3300 bp
Vector Backbone:	pCMV6-XL5
Promoter:	Enhanced CMV Promoter, T7 Promoter
Bacterial Resistance:	Ampicillin
Expression Type:	Transient
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> <li>• Every lot of primer is tested to provide clean sequencing of cDNA clones.</li> </ul>
Purification:	The DNAs were purified using PowerPrep HP Plasmid isolation kits for transfection ready plasmids.

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## Product Details

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

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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.

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## Target Details

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Gene: NLRP13

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Alternative Name: NLRP13 ([NLRP13 Products](#))

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Background: This gene encodes a member of the NACHT, leucine rich repeat, and PYD containing (NLRP) protein family. It has an N-terminal pyrin domain, followed by a NACHT domain, a NACHT-associated domain (NAD), and a C-terminal leucine-rich repeat (LRR) region. NLRP proteins are implicated in the activation of proinflammatory caspases through multiprotein complexes called inflammasomes. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Mar 2016].

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NCBI Accession: [NM\\_176810](#), [NP\\_789780](#)

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## Application Details

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Restrictions: For Research Use only

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## Handling

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Format: Lyophilized

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Storage: RT, -20 °C

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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.

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Expiry Date: 12 months

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## Publications

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

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