

Datasheet for ABIN3318132

Human PYURF cDNA Clone in Mammalian Expression Vector

Overview

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

Product Details

Purpose:	Untagged full-length cDNA clone from Human PYURF is ideal for over-expression of native protein for functional studies.
Brand:	TrueClones®
Vector Backbone:	pCMV6-AC
Promoter:	Enhanced CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Specificity:	Restriction Site: EcoRI-XhoI
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

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Product Details

plasmids.

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: PYURF

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

Background: The product of this gene, which is well-conserved, is encoded by the same bicistronic transcript that encodes phosphatidylinositol glycan anchor biosynthesis, class Y, but the two proteins are unrelated. This gene represents the protein encoded by the upstream open reading frame, while the protein encoded by the downstream open reading frame is represented by GeneID:84992. [provided by RefSeq, Aug 2012]. Transcript Variant: This variant (1) encodes the longer protein (isoform 1), also known as PreY.

NCBI Accession: [NM_032906](#), [NP_116295](#)

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

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Publications

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