

Datasheet for ABIN5492852

## Human KRTAP21-2 ORF Clone in Mammalian Expression Vector (GFP tag)

### Overview

Quantity:	10 µg
Gene:	KRTAP21-2
Species:	Human
Fusion tag:	GFP tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Mammalian Vector with ORF clone of Human keratin associated protein 21-2 (KRTAP21-2)
Brand:	TrueORF
Insert Length:	252 bp
Vector Backbone:	pCMV6-AC-GFP
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Stable, Transient
Specificity:	Restriction Site: Sgfl-Mlul
Grade:	End-sequenced
Components:	The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and shipped with 2 vector sequencing primers.

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

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Target Details

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Gene: KRTAP21-2

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Abstract: [KRTAP21-2 Products](#)

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Background: In the hair cortex, hair keratin intermediate filaments are embedded in an interfilamentous matrix, consisting of hair keratin-associated proteins (KRTAP), which are essential for the formation of a rigid and resistant hair shaft through their extensive disulfide bond cross-linking with abundant cysteine residues of hair keratins. The matrix proteins include the high-sulfur and high-glycine-tyrosine keratins. [UniProtKB/Swiss-Prot Function]

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NCBI Accession: [NM\\_181617](#), [NP\\_853648](#)

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## Application Details

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Application Notes: Ideal For Tracking the over-expressed protein in transfected cells

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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: 4 °C/-20 °C

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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)