Datasheet for ABIN5456443

# Human RGPD5 ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

## Overview

| | |
|---|---|
| Quantity: | 10 µg |
| Gene: | RGPD5 |
| Species: | Human |
| Fusion tag: | Myc-DYKDDDDK Tag |
| Insert: | ORF |
| Vector: | Mammalian Expression Vector |
| Application: | Protein Expression (PExp) |

## Product Details

| | |
|---|---|
| Purpose: | Mammalian Vector with ORF clone of Human RANBP2-like and GRIP domain containing 5 (RGPD5) transcript variant 2 |
| Brand: | TrueORF |
| Insert Length: | 2715 bp |
| Vector Backbone: | pCMV6-Entry |
| Promoter: | CMV Promoter |
| Bacterial Resistance: | Kanamycin |
| Expression Type: | Transient |
| Specificity: | Restriction Site: SgfI-RsrII |
| Sequencing Primer: | VP1.5 (forward) 5'GGACTTTCCAAAATGTCG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3' |
| Grade: | End-sequenced |
| Components: | The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and |

## Product Details

| | |
|---|---|
| | shipped with 2 vector sequencing primers. |

## Target Details

| | |
|---|---|
| Gene: | RGPD5 |
| Abstract: | RGPD5 Products |
| Background: | RAN is a small GTP-binding protein of the RAS superfamily that is associated with the nuclear membrane and is thought to control a variety of cellular functions through its interactions with other proteins. This gene shares a high degree of sequence identity with RANBP2, a large RAN-binding protein localized at the cytoplasmic side of the nuclear pore complex. It is believed that this RANBP2 gene family member arose from a duplication event 3 Mb distal to RANBP2. Alternative splicing has been observed for this locus and two variants are described. Additional splicing is suggested but complete sequence for further transcripts has not been determined. |
| NCBI Accession: | NM_032260, NP_115636 |

## Application Details

| | |
|---|---|
| Restrictions: | For Research Use only |

## Handling

| | |
|---|---|
| Format: | Lyophilized |
| Storage: | 4 °C/-20 °C |

## Publications

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