

Product datasheet for **RG237619**

C6orf89 (NM_001286635) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf89 (NM_001286635) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C6orf89
Synonyms:	BRAP; PS1TP5TP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237619 representing NM_001286635. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGATCTTGCTGCCAACGAGATCAGCATTTATGACAACTTTCAGAGACTGTTGATTTGGTGAGACAG
ACCGGCCATCAGTGTGGCATGTCAGAGAAGGCAATTGAAAAATTTATCAGACAGCTGCTGGAAAAGAAT
GAACCTCAGAGACCCCCCGCAGTATCCTCTCCTTATAGTTGTGTATAAGGTTCTCGCAACCTGGGA
TTAATCTTGCTCACTGCCTACTTTGTGATTCAACCTTTCAGCCCATTAGCACCTGAGCCAGTGCTTTCT
GGAGCTCACACCTGGCGCTCACTCATCCATCACATTAGGCTGATGCCTTGCCCATGCCAAGAAGTAC
ATGTCAGAAAATAAGGGAGTTCTCTGCATGGGGGTGATGAAGACAGACCCTTTCAGACTTTGACCCC
TGGTGGACAAACGACTGTGAGCAGAATGAGTCAGAGCCATTCTGCCAACTGCACTGGCTGTGCCAG
AAACACCTGAAGGTGATGCTCCTGGAAGACGCCCAAGGAAATTTGAGAGGCTCCATCCACTGGTGATC
AAGACGGGAAAGCCCCTGTTGGAGGAAGAGATTGAGCATTTTTTGTGCCAGTACCCTGAGGCGACAGAA
GGCTTCTCTGAAGGGTTTTTCGCCAAGTGGTGGCGCTGCTTCTGAGCGGTGGTTCCCATTTCTTAT
CCATGGAGGAGACCTCTGAACAGATCACAAATGTTACGTGAGCTTTTTCTGTTTTCACTCACCTGCCA
TTTCCAAAAGATGCCTCTTTAAACAAGTGTCTTTCTTACCCAGAACCTGTTGGGGAGTAAGATG
CATAAGATGCCTGACCTATTTATCATTGGCAGCGGTGAGGCCATGTTGCAGCTCATCCCTCCCTCCAG
TGCCGAAGACATTGTCACTGTGGCCATGCCAATAGAGCCAGGGGATATCGGCTATGTCGACACCACC
CACTGGAAGGTCTACGTTATAGCCAGAGGGTCCAGCCTTTGGTCATCTGCGATGGAACCGCTTTCTCA
GAACTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237619
 Blue=ORF Red=Cloning site Green=Tag(s)

MDLAANEISIDYDKLSETVDLVRQTGHQCGMSEKAIEKFIHQLEKNEPQRPPQYPLLIIVYKVLATLG
 LILLTAYFVIQPFSPLAPEPVLGAHTWRSLIHHIRLMSLPIAKKYMSENKGVPLHGGDEDRPFDPDFP
 WWTNDCEQNESEPIPANCTGCAQKHLKVMLEDAPRKFERLHPLVIKTGKPLLEEEIQHFLCQYPEATE
 GFSEGFFAKWWRCFPERWFFPYWRRPLNRSQMLRELFPVFTLHFPKASLNKCSFLHPEPVVGSKM
 HKMPDLFIIGSGEAMLQLIPPFQRRHCQSVAMP IEPGDI GYVDTHWKVYVIARGVQPLVICDGTAFS
 EL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286635

ORF Size: 1041 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

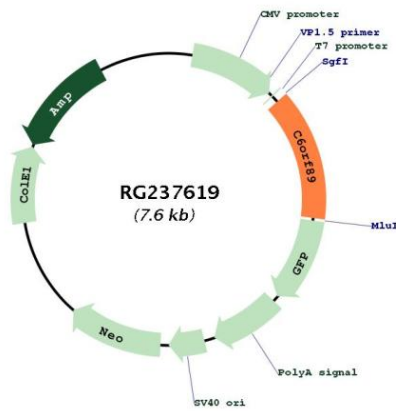
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001286635.2](#)

RefSeq Size: 6867 bp

RefSeq ORF: 1044 bp
Locus ID: 221477
UniProt ID: [Q6UWU4](#)
Cytogenetics: 6p21.2
Protein Families: Transmembrane
MW: 40.3 kDa
Gene Summary: Exhibits histone deacetylase (HDAC) enhancer properties (PubMed:23460338). May play a role in cell cycle progression and wound repair of bronchial epithelial cells (PubMed:21857995). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237619