

Product datasheet for **RG236853**

C6orf89 (NM_001286637) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf89 (NM_001286637) 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:	>RG236853 representing NM_001286637. Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGTCCTTGCCATTGCCAAGAAGTACATGTCAGAAAATAAGGGAGTTCCTCTGCATGGGGGTGATGAA
GACAGACCCTTTCCAGACTTTGACCCCTGGTGGACAAACGACTGTGAGCAGAATGAGTCAGAGCCCAT
CCTGCCAACTGCACTGGCTGTGCCAGAAACACCTGAAGGTGATGCTCCTGGAAGACGCCCAAGGAAA
TTTGAGAGGCTCCATCCACTGGTATCAAGACGGGAAAGCCCTGTTGGAGGAAGAGATTCAGCATTTT
TTGTGCCAGTACCCTGAGGCGACAGAAGGCTTCTCTGAAGGGTTTTTCGCCAAGTGGTGGCCTGCTTT
CCTGAGCGGTGGTCCCATTTCCTTATCCATGGAGGAGACCTCTGAACAGATCACAAATGTTACGTGAG
CTTTTTCTGTTTTCACTCACCTGCCATTTCCAAAAGATGCCTCTTTAAACAAGTCTCCTTTCTTAC
CCAGAACCTGTTGTGGGAGTAAGATGCATAAGATGCCTGACCTATTTATCATTGGCAGCGGTGAGGCC
ATGTTGCAGCTCATCCCTCCCTCCAGTGCCGAAGACATTGTCAGTCTGTGGCCATGCCAATAGAGCCA
GGGGATATCGGCTATGTCGACACCACCCACTGGAAGGTCTACGTTATAGCCAGAGGGGTCCAGCCTTTG
GTCATCTGCGATGGAACCGCTTTCTCAGAACTG
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTAAAC
```



[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG236853
 Blue=ORF Red=Cloning site Green=Tag(s)

MSLPIAKKYMSENKGVPLHGGDEDRPFPDFDPWWTNDCEQNESEPIPANCTGCAQKHLKVMILLEDAPRK
 FERLHPLVIKTGKPLLEEEIQHFLCQYPEATEGFSEGFFAKWRCFPERWFFPYPWRRPLNRSQMLRE
 LFPVFTHLPPKDALNKCFLHPEPVVSGMKHKMPDLFIIGSGEAMLQLIPPFQRRHCQSVAMP IEP
 GDIGYVDTHHWKYVVIARGVQPLVICDGTAFSEL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPEP
 SVIFTDKIIRS NATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001286637

ORF Size: 723 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).

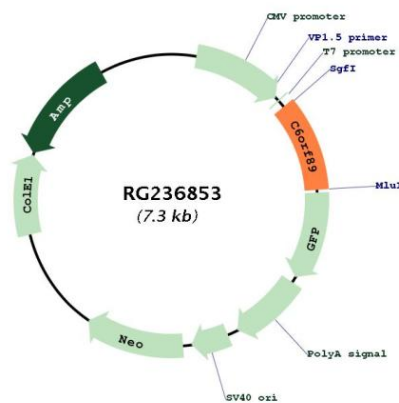
RefSeq: [NM_001286637.2](#)

RefSeq Size: 6808 bp

RefSeq ORF: 726 bp

Locus ID: 221477
UniProt ID: [Q6UWU4](#)
Cytogenetics: 6p21.2
Protein Families: Transmembrane
MW: 28.3 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 RG236853