

Product datasheet for **RC236853**

C6orf89 (NM_001286637) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf89 (NM_001286637) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C6orf89
Synonyms:	BRAP; PS1TP5TP1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC236853 representing NM_001286637 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTTGCCATTGCCAAGAAGTACATGTGAGAAAATAAGGGAGTTCCTCTGCATGGGGTGATGAAG
ACAGACCCTTCCAGACTTTGACCCCTGGTGGACAAACGACTGTGAGCAGAATGAGTCAGAGCCATTCC
TGCCAACTGCACTGGCTGTGCCAGAAACACCTGAAGGTGATGCTCCTGGAAGACGCCCCAAGGAAATTT
GAGAGGCTCCACTCCACTGGTATCAAGACGGGAAAGCCCTGTTGGAGGAAGAGATTAGCATTCTTTGT
GCCAGTACCCTGAGGCGACAGAAGGCTTCTCTGAAGGTTTTTCGCCAAGTGGTGCGCTGCTTTCTGA
GCGGTGGTTCCATTTCTTATCCATGGAGGAGACCTCTGAACAGATCACAAATGTTACGTGAGCTTTTT
CCTGTTTTCACTCACCTGCCATTTCCAAAAGATGCCTCTTTAAACAAGTGCTCCTTTCTTACCCAGAAC
CTGTTGTGGGGAGTAAGATGCATAAGATGCCTGACCTATTTATCATTGGCAGCGGTGAGGCCATGTTGCA
GCTCATCCCTCCCTTCCAGTGCCGAAGACATTGTCAGTCTGTGGCCATGCCAATAGAGCCAGGGGATC
GGCTATGTCGACACCACCACTGGAAGGTCTACGTTATAGCCAGAGGGTCCAGCCTTTGGTCATCTGCC
ATGGAACCGCTTCTCAGAACTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >RC236853 representing NM_001286637
Red=Cloning site Green=Tags(s)

MSLPIAKKYMSENKGVPLHGGDEDRPFPDFPWWTNDCEQNESEPIPANCTGCAQKHLKVMILLEDAPRKF
 ERLHPLVIKTGKPLLEEEIQHFLCQYPEATEGFSEGFFAKWWRCFPERWFPPYPWRRPLNRSQMLRELF
 PVFTHLPFKDASLNKCSFLHPEPVVSGMKMHKMPDLFIIGSGEAMLQLIPPFQCRRHRCQSVAMPIEPGDI
 GYVDTTHWKVYVIARGVQPLVICDGTAFSEL

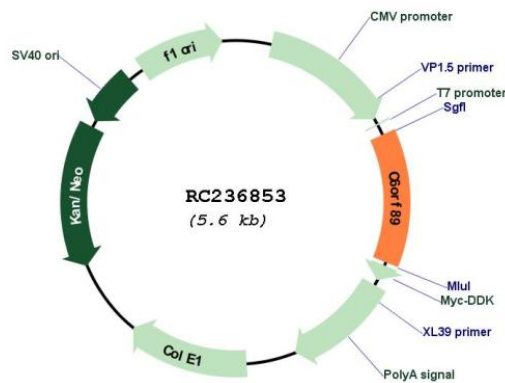
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
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]