

Product datasheet for SC335513

C6orf89 (NM_001286635) Human Untagged Clone

Product data:

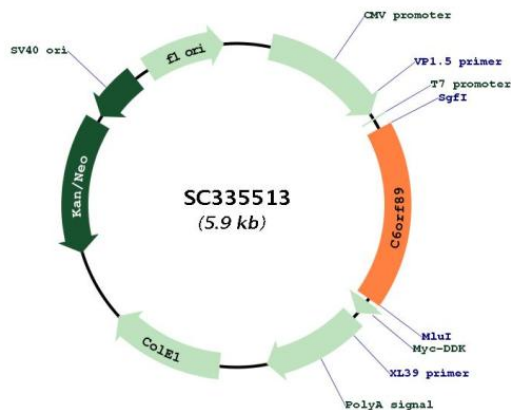
Product Type:	Expression Plasmids
Product Name:	C6orf89 (NM_001286635) Human Untagged Clone
Tag:	Tag Free
Symbol:	C6orf89
Synonyms:	BRAP; PS1TP5TP1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC335513 representing NM_001286635. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTT TAGTGAACCGTCAGAATTTTGT AATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCC GCGATCGCC
ATGGATCTTGCTGCCAACGAGATCAGCATTTATGACAACTTTCAGAGACTGTTGATTTGGTGAGACAG
ACCGGCCATCAGTGTGGCATGTCAGAGAAGGCAATTGAAAAATTTATCAGACAGCTGCTGAAAAGAAT
GAACCTCAGAGACCCCCCGCAGTATCCTCTCCTTATAGTTGTGTATAAGGTTCTCGCAACCTGGGA
TTAATCTTGCTCACTGCCTACTTTGTGATTCAACCTTTCAGCCCATTAGCACCTGAGCCAGTGCTTTCT
GGAGCTCACACCTGGCGCTCACTCATCCATCACATTAGGCTGATGCCTTGCCCATGCCAAGAAGTAC
ATGTCAGAAAATAAGGGAGTTCTCTGCATGGGGTGATGAAGACAGACCCTTTCAGACTTTGACCCC
TGGTGGACAAACGACTGTGAGCAGAATGAGTCAGAGCCATTCTGCCAAGTGCCTGGCTGGCCAG
AAACACCTGAAGGTGATGCTCCTGGAAGACGCCCAAGGAAATTTGAGAGGCTCCATCCACTGGTGATC
AAGACGGGAAAGCCCCTGTTGGAGGAAGAGATTGAGCATTTTTGTGCCAGTACCCTGAGGCGACAGAA
GGCTTCTCTGAAGGGTTTTTCGCCAAGTGGTGGCGCTGCTTCTGAGCGGTGGTTCCCATTTCTTAT
CCATGGAGGAGACCTCTGAACAGATCACAAATGTTACGTGAGCTTTTTCTGTTTTCACTCACCTGCCA
TTTCCAAAAGATGCCTCTTTAAACAAGTGTCTTTCTTACCCAGAACCTGTTGGGGAGTAAGATG
CATAAGATGCCTGACCTATTTATCATTGGCAGCGGTGAGGCCATGTTGCAGCTCATCCCTCCCTCCAG
TGCCGAAGACATTGTCAGTCTGTGGCCATGCCAATAGAGCCAGGGGATATCGGCTATGTCGACACCACC
CACTGGAAGGTCTACGTTATAGCCAGAGGGTCCAGCCTTTGGTCATCTGCGATGGAACCGCTTTCTCA
GAACTGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_001286635

Insert Size: 1044 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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:

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_001286635.1](#)

RefSeq Size: 6867 bp

RefSeq ORF: 1044 bp

Locus ID: 221477

UniProt ID: [Q6UWU4](#)

Cytogenetics: 6p21.2

Protein Families: Transmembrane

MW: 39.9 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]

Transcript Variant: This variant (2) includes an additional exon in the 5' region, resulting in differences in the 5' UTR and translation initiation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (b) is shorter at the N-terminus, compared to isoform a. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.