

Product datasheet for **SC334746**

C6orf89 (NM_001286636) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C6orf89 (NM_001286636) 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:	>NCBI ORF sequence for NM_001286636, the custom clone sequence may differ by one or more nucleotides

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ATGTCCTTGCCCATGCAAGAAGTACATGTCAGAAAATAAGGGAGTTCCTCTGCATGGGGGTGATGAAG
ACAGACCCCTTCCAGACTTTGACCCCTGGTGGACAAACGACTGTGAGCAGAATGAGTCAGAGCCCATTCC
TGCCAACCTGCACTGGCTGTGCCAGAAACACCTGAAGGTGATGCTCCTGGAAGACGCCCCAAGGAAATTT
GAGAGGCTCCATCCACTGGTGTCAAGACGGGAAAGCCCTGTTGGAGGAAGAGATTGAGCATTGTTTTGT
GCCAGTACCCTGAGGCGACAGAAGGCTTCTCTGAAGGGTTTTTCGCCAAGTGGTGGCGCTGCTTTCCTGA
GCGGTGGTCCCATTTCCTTATCCATGGAGGAGACCTCTGAACAGATCACAAATGTTACGTGAGCTTTTT
CCTGTTTTCACTCACCTGCCATTTCCAAAAGATGCCTCTTTAAACAAGTGCTCCTTCTCACCCAGAAC
CTGTTGTGGGGAGTAAGATGCATAAGATGCCTGACCTATTTATCATTGGCAGCGGTGAGGCCATGTTGCA
GCTCATCCCTCCCTTCCAGTGCCGAAGACATTGTCAGTCTGTGGCCATGCCAATAGAGCCAGGGGATATC
GGCTATGTCGACACCACCCACTGGAAGGTCTACGTTATAGCCAGAGGGGTCCAGCCTTTGGTCATCTGCG
ATGGAACCGCTTCTCAGAAGTTAG
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Restriction Sites:	SgfI-MluI
ACCN:	NM_001286636
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).



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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:	<u>NM_001286636.1, NP_001273565.1</u>
RefSeq Size:	6931 bp
RefSeq ORF:	726 bp
Locus ID:	221477
UniProt ID:	<u>Q6UWU4</u>
Cytogenetics:	6p21.2
Protein Families:	Transmembrane
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (3) contains alternate 5' exon structure, resulting in differences in the 5' UTR and translation initiation at a downstream in-frame start codon, compared to variant 1. The encoded isoform (c) is shorter at the N-terminus, compared to isoform a. Both variants 3 and 4 encode isoform c. 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.</p>