

Datasheet for ABIN4917897

Human TAS2R19 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TAS2R19
Species:	Human
Fusion tag:	DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Expression/transfection ready cDNA ORF clone of Human TAS2R19 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	900 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGATGTGTT TTCTGCTCAT CATTTCATCA ATTCTGGTAG TGTTTGCATT TGTTCTTGGA AATGTTGCCA ATGGCTTCAT AGCCCTAGTA AATGTCATTG ACTGGGTTAA CACACGAAAG ATCTCCTCAG CTGAGCAAAT TCTCACTGCT CTGGTGGTCT CCAGAATTGG TTTACTCTGG GTCATGTTAT TCCTTTGGTA TGCAACTGTG TTTAATTCTG CTTTATATGG TTTAGAAGTA

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Product Details

AGAATTGTTG CTTCTAATGC CTGGGCTGTA ACGAACCATT TCAGCATGTG GCTTGCTGCT
AGCCTCAGCA TATTTTGTGTT GCTCAAGATT GCCAATTTCT CCAACCTTAT TTCTCTCCAC
CTAAAGAAGA GAATTAAGAG TGTTGTTCTG GTGATACTGT TGGGGCCCTT GGTATTTCTG
ATTTGTAATC TTGCTGTGAT AACCATGGAT GAGAGAGTGT GGACAAAAGA ATATGAAGGA
AATGTGACTT GGAAGATCAA ATTGAGGAAT GCAATACACC TTTCAAGCTT GACTGTA
ACTCTAGCAA ACCTCATACC CTTTACTCTG AGCCTAATAT GTTTTCTGCT GTTAATCTGT
TCTCTTTGTA AACATCTCAA GAAGATGCGG CTCCATAGCA AAGGATCTCA AGATCCCAGC
ACCAAGGTCC ATATAAAAGC TTTGCAAACCT GTGACCTCCT TCCTCATGTT ATTTGCCATT
TACTTTCTGT GTATAATCAC ATCAACTTGG AATCTTAGGA CACAGCAGAG CAAACTTGTA
CTCCTGCTTT GCCAAACTGT TGCAATCATG TATCCTTCAT TCCAATCATT CATCCTGATT
ATGGGAAGTA GGAAGCTAAA ACAGACCTTT CTTTCAGTTT TGTGGCAGAT GACACGCTGA

Specificity: ORF Insert Method: CloneEZ® Seamless cloning technology, recombination-based cloning technology

Characteristics: Gene cDNA ORF clone sequences were retrieved from the NCBI Reference Sequence Database (RefSeq). These sequences represent the protein coding region of the gene cDNA ORF which is encoded by the open reading frame (ORF) sequence.

Sequencing Primer:

- Forward primer: 5'-TAATACGACTCACTATAGGG-3'
- Reverse primer: 5'-CCTCGACTGTGCCTTCTA-3'

Grade: End-sequenced

Components: The GenEZ ORF clone is delivered as 10 µg of lyophilized plasmid DNA in a vial.

Target Details

Gene: TAS2R19

Alternative Name: TAS2R19 ([TAS2R19 Products](#))

Gene ID: 259294

NCBI Accession: [NM_176888](#)

Application Details

Restrictions: For Research Use only

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Handling

Format: Lyophilized

Storage: RT/-20 °C

Storage Comment:

- Keep the vial sealed and store at -20°C for long-term storage.
- Before use, centrifuge the vial at 6,000 g x g for 1 minute at 4°C.
- Open the lid and add 100 µl (or other volume depending on your desired final concentration) of distilled water (or TE buffer) to dissolve the DNA.
- If necessary, heat the solution at 50°C for 15 minutes to dissolve the DNA.
- Close the lid and vortex the vial for 1 minute.
- Aliquot the dissolved plasmid DNA and store in small aliquots at -20°C.

Expiry Date: 12 months

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)