

Datasheet for ABIN4922714

Human TAS2R30 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TAS2R47 (TAS2R30)
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 TAS2R30 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	960 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGATAACTT TTCTGCCCAT CATT TTTTCC ATTCTAATAG TGGTTATATT TGTTATTGGA AATTTTGCTA ATGGCTTCAT AGCATTGGTA AATTCCATTG AGTGGGTCAA GAGACAAAAG ATCTCCTTTG TTGACCAAAT TCTCACTGCT CTGGCGGTCT CCAGAGTTGG TTTGCTCTGG GTGTTATTAC TACATTGGTA TGCAACTCAG TTGAATCCAG CTTTTTATAG TGTAGAAGTA

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Product Details

AGAATTACTG CTTATAATGT CTGGGCAGTA ACCAACCATT TCAGCAGCTG GCTTGCTACT
AGCCTCAGCA TGTTTTATTT GCTCAGGATT GCCAATTTCT CCAACCTTAT TTTTCTTCGC
ATAAAGAGGA GAGTTAAGAG TGTTGTTCTG GTGATACTGT TGGGGCCTTT GCTATTTTTG
GTTTGTATC TTTTGTGAT AAACATGGAT GAGACTGTAT GGACAAAAGA ATATGAAGGA
AACGTGACTT GGAAGATCAA ATTGAGGAGT GCAATGTACC ATTCAAATAT GACTCTAACC
ATGCTAGCAA ACTTTGTACC CCTCACTCTG ACCCTGATAT CTTTTCTGCT GTTAATCTGT
TCTCTGTGTA AACATCTCAA GAAGATGCAG CTCCATGGCA AAGGATCTCA AGATCCCAGC
ACCAAGGTCC ACATAAAAGC TTTGCAAACCT GTGACCTCCT TTCTTCTGTT ATGTGCCATT
TACTTTCTGT CCATGATCAT ATCAGTTTGT AATTTTGGGA GGCTGGAAAA GCAACCTGTC
TTCATGTTCT GCCAAGCTAT TATATTCAGC TATCCTTCAA CCCACCCATT CATCCTGATT
TTGGGAAACA AGAAGCTAAA GCAGATTTTT CTTTCAGTTT TGCGGCATGT GAGGTACTGG
GTGAAAGACA GAAGCCTTCG TCTCCATAGA TTCACAAGAG GGGCATTGTG TGTCTTCTAG

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: TAS2R47 (TAS2R30)

Alternative Name: TAS2R30 ([TAS2R30 Products](#))

Gene ID: 259293

NCBI Accession: [NM_001097643](#)

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)