

Datasheet for ABIN4934749

Human TAS2R20 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	TAS2R20
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 TAS2R20 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	930 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGATGAGTT TTCTACACAT TGTTTTTCC ATTCTAGTAG TGGTTGCATT TATTCTTGGAAATTTGCCA ATGGCTTTAT AGCACTGATA AATTTTCATTG CCTGGGTCAA GAGACAAAAGATCTCCTCAG CTGATCAAAT TATTGCTGCT CTGGCAGTCT CCAGAGTTGG TTTGCTCTGGTAATATTAT TACATTGGTA TTCAACTGTG TTGAATCCAA CTTCATCTAA TTTAAAAGTA

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Product Details

ATAATTTTTTA TTTCTAATGC CTGGGCAGTA ACCAATCATT TCAGCATCTG GCTTGCTACT
AGCCTCAGCA TATTTTATTT GCTCAAGATC GTCAATTTCT CCAGACTTAT TTTTCATCAC
TTAAAAGGA AGGCTAAGAG TGTAGTTCTG GTGATAGTGT TGGGGTCTTT GTTCTTTTTG
GTTTGTCAAC TTGTGATGAA ACACACGTAT ATAAATGTGT GGACAGAAGA ATGTGAAGGA
AACGTAACCT GGAAGATCAA ACTGAGGAAT GCAATGCACC TTTCCAACCT GACTGTAGCC
ATGCTAGCAA ACTTGATACC ATTCACTCTG ACCCTGATAT CTTTTCTGCT GTTAATCTAC
TCTCTGTGTA AACATCTGAA GAAGATGCAG CTCCATGGCA AAGGATCTCA AGATCCCAGC
ACCAAGATCC ACATAAAAGC TCTGCAAACCT GTGACCTCCT TCCTCATATT ACTTGCCATT
TACTTTCTGT GTCTAATCAT ATCGTTTTGG AATTTTAAGA TGCACCAAAA AGAAATTGTC
TTAATGCTTT GCCAAGCTTT TGGAAATCATA TATCCATCAT TCCACTCATT CATTCTGATT
TGGGGGAACA AGACGCTAAA GCAGACCTTT CTTTCAGTTT TGTGGCAGGT GACTTGCTGG
GCAAAAAGGAC AGAACCAGTC AACTCCATAG

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: TAS2R20

Alternative Name: TAS2R20 ([TAS2R20 Products](#))

Gene ID: 259295

NCBI Accession: [NM_176889](#)

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)