

Datasheet for ABIN4938873

Human HCAR3 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	GPR109B (HCAR3)
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 HCAR3 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1164 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGAATCGGC ACCATCTGCA GGATCACTTT CTGGAAATAG ACAAGAAGAA CTGCTGTGTG TTCCGAGATG ACTTCATTGC CAAGGTGTTG CCGCCGGTGT TGGGGCTGGA GTTTATCTTT GGGCTTCTGG GCAATGGCCT TGCCCTGTGG ATTTTCTGTT TCCACCTCAA GTCCTGGAAA TCCAGCCGGA TTTTCCTGTT CAACCTGGCA GTAGCTGACT TTCTACTGAT CATCTGCCTG CCGTTTCGTGA TGGACTACTA TGTGCGGCGT TCAGACTGGA AGTTTGGGGA CATCCCTTGC

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Product Details

CGGCTGGTGC TCTTCATGTT TGCCATGAAC CGCCAGGGCA GCATCATATT CCTCACGGTG
GTGGCGGTAG ACAGGTATTT CCGGGTGGTC CATCCCCACC ACGCCCTGAA CAAGATCTCC
AATTGGACAG CAGCCATCAT CTCTTGCCCTT CTGTGGGGCA TCACTGTTGG CCTAACAGTC
CACCTCCTGA AGAAGAAGTT GCTGATCCAG AATGGCACTG CAAATGTGTG CATCAGCTTC
AGCATCTGCC ATACCTCCG GTGGCACGAA GCTATGTTCC TCCTGGAGTT CTTCTGCC
CTGGGCATCA TCCTGTTCTG CTCAGCCAGA ATTATCTGGA GCCTGCGGCA GAGACAAATG
GACCGGCATG CCAAGATCAA GAGAGCCATC ACCTTCATCA TGGTGGTGGC CATCGTCTTT
GTCATCTGCT TCCTCCCAG CGTGGTTGTG CGGATCCACA TCTTCTGGCT CCTGCACACT
TCGGGCACGC AGAATTGTGA AGTGTACCGC TCGGTGGACC TGGCGTTCTT TATCACTCTC
AGCTTCACCT ACATGAACAG CATGCTGGAC CCCGTGGTGT ACTACTTCTC CAGCCCATCC
TTTCCAACT TCTTCTCCAC TTTGATCAAC CGCTGCCTCC AGAGGAAGAT AACAGGTGAG
CCAGATAATA ACCGCAGCAC GAGCGTCGAG CTCACAGGGG ACCCCAACAA AACAGAGGG
GCTCCAGAGG CGTTAATCGC CAACTCCGGT GAGCCATGGA GCCCCTCTTA TCTGGGCCCA
ACCTCAAATA ACCATTCCAA GAAGGGACAT TGTCACCAAG AACCAGCATC TCTGGAGAAA
CAGTTGGGCT GTTGCATCGA GTAA

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: GPR109B (HCAR3)

Alternative Name: HCAR3 ([HCAR3 Products](#))

Gene ID: 8843

NCBI Accession: [NM_006018](#)

Order at www.genomics-online.com

USA & Canada: +1 877 302 8632 | support@antibodies-online.com

Application Details

Restrictions: For Research Use only

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)