

Datasheet for ABIN4945546

Human OVCH1 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	OVCH1
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 OVCH1 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	3405 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGGGCCTGC TGGCCAGTGC TGGTTTGTTG CTGTTGCTGG TCATCGGCCA CCCCAGAAGC CTAGGACTGA AGTGTGGAAT TCGCATGGTC AACATGAAAA GTAAGGAACC TGCCGTGGGA TCTAGATTCT TCTCTAGAAT TAGTAGTTGG AGAAATTCAA CAGTGACTGG ACATCCATGG CAGGTCTCCC TAAAATCAGA TGAGCACCCAC TTCTGTGGAG GAAGCTTGAT TCAAGAAGAT CGGGTTGTTA CAGCAGCACA CTGCCTGGAC AGCCTCAGTG AGAAGCAGCT GAAGAATATA

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ACTGTGACTT CTGGGGAGTA CAGCCTCTTT CAGAAGGATA AGCAAGAACA GAATATTCTT
GTCTCAAAAA TTATTACCCA TCCTGAATAC AACAGCCGTG AATATATGAG TCCTGATATT
GCACTGCTGT ATCTAAAACA CAAAGTCAAG TTTGGAAATG CTGTTTCAGCC AATCTGTCTT
CCTGACAGCG ATGATAAAGT TGAACCAGGA ATTCTTTGCT TATCCAGTGG ATGGGGCAAG
ATTTCCAAAA CATCAGAATA TTCAAATGTC CTACAAGAAA TGGAACCTCC CATCATGGAT
GACAGAGCGT GTAATACTGT GCTCAAGAGC ATGAACCTCC CTCCCCTGGG AAGGACCATG
CTGTGTGCTG GCTTCCCTGA TTGGGGAATG GACGCCTGCC AGGGGGACTC TGGAGGACCA
CTGGTTTGTA GAAGAGGTGG TGGAATCTGG ATTCTTGCTG GGATAACTTC CTGGGTAGCT
GGTTGTGCTG GAGGTTTCAGT TCCCGTAAGA AACAACCATG TGAAGGCATC ACTTGGCATT
TTCTCCAAAG TGTCTGAGTT GATGGATTTT ATCACTCAA ACCTGTTTAC AGGTTTGGAT
CGGGGCCAAC CCCTCTCAA AGTGGGCTCA AGGTATATAA CAAAGGCCCT GAGTTCTGTC
CAAGAAGTGA ATGGAAGCCA GAGAGGAAAG GGTATTTTAG ACATGGAAAA GCAAGTTGGA
TGTGATCATG ACTATGTATC TTTACGATCA AGCAGTGGAG TGCTTTTTAA TCAGAGATCT
CTCATGGAAG ACGATGGAAA ACAAACAAA CGTGTCTGTG GAAAAATATT GCCTTCACCA
TTGCTGGCAG AGACCAGTGA GGCCATGGTT CCATTTGTTT CTGATACAGA AGACAGTGGC
AGTGGCTTTG AGCTTACCGT TACTGCTGTA CAGAAGTCAG AAGCAGGGTC AGGTTGTGGG
AGTCTGGCTA TATTGGTAGA AGAAGGGACA AATCACTCTG CCAAGTATCC TGATTTGTAT
CCCAGTAACA CAAGGTGTCA TTGGTTCATT TGTGCTCCAG AGAAGCACAT TATAAAGTTG
ACATTTGAGG ACTTTGCTGT CAAATTTAGT CCAAAGTGA TTTATGATGC TGTTGTGATT
TACGGTGATT CTGAAGAAAA GCACAAGTTA GCTAACTTT GTGGAATGTT GACCATCACT
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TTACAAGGCT TCAAGGCCAG ATTTACCATT TTGCCCTCAG AGTCTTTAAA CAAATTTGAA
CCAAAGTTAC CTCCCCAAAA CAATCCTGTA TCTACCGTAA AAGCTATTCT GCATGATGTC
TGTGGCATCC CTCCATTTAG TCCCAGTGG CTTTCCAGAA GAATCGCAGG AGGGGAAGAA
GCCTGCCCCC ACTGTTGGCC ATGGCAGGTG GGTCTGAGGT TTCTAGGCGA TTACCAATGT
GGAGGTGCCA TCATCAACCC AGTGTGGATT CTGACCGCAG CCCACTGTGT GCAATTGAAG
AATAATCCAC TCTCCTGGAC TATTATTGCT GGGGACCATG ACAGAAACCT GAAGGAATCA
ACAGAGCAGG TGAGAAGGGC CAAACACATA ATAGTGCATG AAGACTTTAA CACACTAAGT
TATGACTCTG ACATTGCCCT AATACAATA AGCTCTCCTC TGGAGTACAA CTCGGTGGTG
AGGCCAGTAT GTCTCCCACA CAGCGCAGAG CCTCTATTTT CCTCGGAGAT CTGTGCTGTG
ACCGGATGGG GAAGCATCAG TGCAGATGGT GGCCTAGCAA GTCGCCTACA GCAGATTCAA
GTGCATGTGT TAGAAAGAGA GGTCTGTGAA CACACTTACT ATTCTGCCCA TCCAGGAGGG
ATCAGAGAGA AGATGATCTG TGCTGGCTTT GCAGCATCTG GAGAGAAAGA TTTCTGCCAG
GGAGACTCTG GTGGGCCACT AGTATGTAGA CATGAAAATG GTCCCTTTGT CCTCTATGGC
ATTGTCAGCT GGGGAGCTGG CTGTGTCCAG CCATGGAAGC CGGGTGTATT TGCCAGAGTG
ATGATCTTCT TGGACTGGAT CCAATCAAAA ATCAATGGTC CTGCTTCACT TCAGACAAAT

Product Details

AATAAATGCA AAACCTTAAA ACAACAATTG CCACCACCCA CACCTTCACC AGACAGTGCA
TCTTGGCCAG GTTGTGCTC TGAAGCAGAG CTAGAAAAGC CTAGAGGCTT TTTTCCCACA
CCACGGTATC TACTGGATTA TAGAGGAAGA CTGGAATGTT CTTGGGTGCT CAGAGTTTCA
GCAAGCAGTA TGGCAAAATT TACCATTGAG TATCTGTCAC TCCTGGGGTC TCCTGTGTGT
CAAGACTCAG TTCTAATTAT TTATGAAGAA AGACACAGTA AGAGAAAGAC GGCAGGTGGA
TTACATGGAA GAAGACTTTA CTCAATGACT TTCATGAGTC CTGGACCGCT GGTGAGGGTG
ACATTCCATG CCCTTGTACG AGGTGCATTT GGTATAAGCT ATATTGTCTT GAAAGTCCTA
GGTCCAAAGG ACAGTAAAT AACCAGACTT TCCCAAAGTT CAAACAGAGA GCACTTGGTC
CCTTGTGAGG ATGTTCTTCT GACCAAGCCA GAAGGGATCA TGCAGATCCC AAGAAATTCT
CACAGAACTA CTATGGGTTG CCAATGGAGA TTAGTAGCCC CTTTAAATCA CATCATTCAG
CTTAATATTA TTAAGTTCCC GATGAAGCCA ACAACTTTTG TCTGTCATGG TCATCTGCGT
GTTTACGAAG GATTTGGACC AGGAAAAAAA TTAATAGCTT CATTCGCTGG AACTCTGGCA
ATGATACTGA CAAAAGACAT ATTA AAAAGA GAAAACTGA ATTTTATTAA CACATATATC
ATGCATATAT GGGAAAATTC AGTGTATGAT AATGTAAGAA GTGTTGGAAA AAGAAAACAG
AAGAAATTTG CATCAAATTT AAGTTATAGT ATGGAGGCTG AGAAGTCCAG GATCCAGGTG
CCAGCAGATT TGGTGCCTGC TAAGGGCTCA CTTTCTGGTT CTTAG

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:	OVCH1
Alternative Name:	OVCH1 (OVCH1 Products)
Gene ID:	341350
NCBI Accession:	NM_183378

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)