

Datasheet for ABIN4925392

## Human PLEKHG7 ORF Clone in Mammalian Expression Vector (DYKDDDDK Tag)

### Overview

Quantity:	10 µg
Gene:	PLEKHG7
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 PLEKHG7 with C terminal DYKDDDDK tag is ideal for express proteins in E.coli & mammalian cells.
Brand:	GenEZ™
Insert Length:	1140 bp
Vector Backbone:	pcDNA3.1+C-(K)-DYK
Promoter:	CMV Promoter
Selectable Marker:	Neomycin
Bacterial Resistance:	Ampicillin
Expression Type:	Transient, Stable
Sequence:	ATGATCTTTA TGAATACACT AAGATATCTG CAAACTCATG AATATCTCCT AGATGTGGAT TTATGGAGAC TTTTGGCAA CCTGGAGGAG TTAAGTCAGA CAAGCCTTGG TTTTGTGAAC AGTCTCTTTG GCATCATCAA GGACTATGTA GACGCTTCTG AGATTTCTC ATCACTGGAT TTTATTTCCG TGCTCACAAA GTATTTCCGA GGGAGTCTCT GTCAGAGCCA CCAGACCTAC

Order at [www.genomics-online.com](http://www.genomics-online.com)

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## Product Details

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TGCCTGAACT ATTCAGCTGC TATCTTTTAT CTTGAGAGCC TGAGGCAGAG AGATGACTTT  
GGAATTTATT TAAAATGGTG TGAGCAGAAT GAACAATGCA GACGGCTCCA CGTGCCAGAG  
CTGCTAGTGG CCCCACTACA GAGGCTCACT CGATATCCGT TGTTGCTGAA GAATATCTGG  
AAAAGGAGCA TGGACTCTGC TGAGAAAATC ATGATCTACT CCATCAAGGA AAAGGTGGAA  
AAGTCCATCC GGGACCTTGA AGGAAAAGTG AAGTGGCTGG ACAATTTCCA AAAATTTAGA  
TATCTACAGG AGATTATAGT GTGGCCACCG CTTTGGGATA GAGATAAAAAG GTTTTTTCATT  
CCAGAGTGTT TGAAACACAT TTTTAAAGAA CACATGGCAG AAAACATCTT GTCACCAACC  
AGCAGACACC TTCTCTATGA AGGAAAATTA ACTCTTGCAAG AAAGCACGAG ATTCCTAGAT  
GTTTATCTGT TTCTCTTCAA TGATTTCTC TTAGTTACGA AAATAAGTG CAACAAAAAG  
AAACTTGGAG GCTCAGACCC TGGTTTAATG TGTCTTCTC TTAGTCTCTGA GTTGCAAGCA  
GTAATAAAAAG AGGGTGGTTC GTGTACAGTA CTCGATCAGC CTATTCCACT AGATAGATTG  
GTAGTCAAAA GTATTGAACC ACTCCATGTG TCAGTCTTTG GGCTGAGAAA TGCTTTTCTT  
ATACAACACG AAAACAGATA TCGACAGTGT ATAGCAGCAT TCTTATTACA AGCCCAAACG  
GAAAACATCA AAAAAACATG GATGGCACAA ATAACAACG CAATTTCTTG CTTTACCAAG  
AGTCAGGAAA CCAAGAAAAT ATCTTTATTC ACATTGCCCG CAGAATCCTC TGAAATTTAG

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

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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.

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Sequencing Primer: 

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

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Grade: End-sequenced

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

## Target Details

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Gene: PLEKHG7

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Alternative Name: PLEKHG7

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Gene ID: 440107

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NCBI Accession: [NM\\_001004330](#)

## Application Details

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Restrictions: For Research Use only

## Handling

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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

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