

## Product datasheet for **RC218833**

### PLEKHH2 (NM\_172069) Human Tagged ORF Clone

#### Product data:

<b>Product Type:</b>	Expression Plasmids
<b>Tag:</b>	Myc-DDK
<b>Symbol:</b>	PLEKHH2
<b>Synonyms:</b>	PLEKHHIL
<b>Mammalian Cell</b>	Neomycin
<b>Selection:</b>	
<b>Vector:</b>	pCMV6-Entry (PS100001)
<b>E. coli Selection:</b>	Kanamycin (25 ug/mL)

**ORF Nucleotide Sequence:** >RC218833 representing NM\_172069  
Red=Cloning site Blue=ORF Green=Tags(s)

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**Protein Sequence:** >RC218833 representing NM\_172069  
 Red=Cloning site Green=Tags(s)

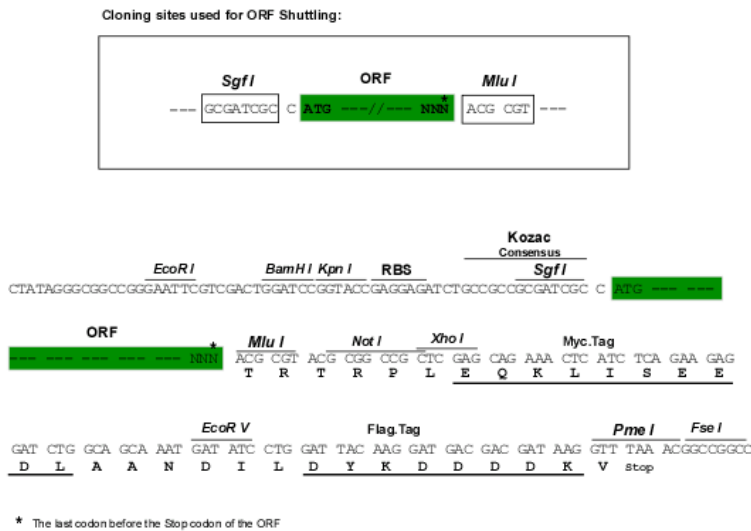
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**Chromatograms:** [https://cdn.origene.com/chromatograms/mk8022\\_e03.zip](https://cdn.origene.com/chromatograms/mk8022_e03.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

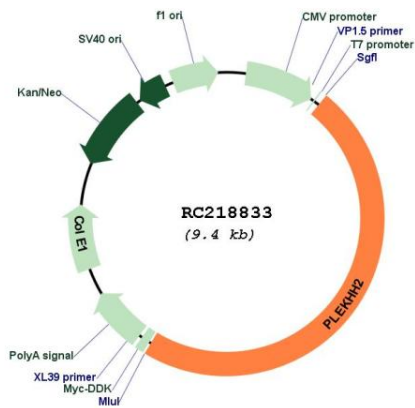


**ACCN:** NM\_172069

**ORF Size:** 4479 bp

<b>OTI Disclaimer:</b>	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<b>Components:</b>	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
<b>Note:</b>	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
<b>RefSeq:</b>	<a href="#">NM_172069.2</a>
<b>RefSeq Size:</b>	7028 bp
<b>RefSeq ORF:</b>	4482 bp
<b>Locus ID:</b>	130271
<b>UniProt ID:</b>	<a href="#">Q8IVE3</a>
<b>Cytogenetics:</b>	2p21
<b>MW:</b>	168 kDa
<b>Gene Summary:</b>	In the kidney glomerulus may play a role in linking podocyte foot processes to the glomerular basement membrane. May be involved in stabilization of F-actin by attenuating its depolymerization. Can recruit TGFBI1 from focal adhesions to podocyte lamellipodia. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC218833

□

Western validation with an anti-DDK antibody  
 \* L: Control HEK293 lysate R: Over-expression lysate