

# Product datasheet for RC200155L1

### PLEKHB2 (NM\_001031706) Human Tagged Lenti ORF Clone

### **Product data:**

Product Type:	Expression Plasmids
Product Name:	PLEKHB2 (NM_001031706) Human Tagged Lenti ORF Clone
Tag:	Myc-DDK
Symbol:	PLEKHB2
Synonyms:	EVT2; EVT2, FLJ20783; FLJ20783; FLJ23679; FLJ30436; pleckstrin homology domain containing, family B (evectins) member 2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200155).
<b>Restriction Sites:</b>	Sgfl-Mlul
Cloning Scheme:	Cloning sites used for ORF Shuttling:           Sgf1         ORF         Mlu I

(ozak nsensu EcoR I BamH I RBS Sgf I ORF CTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGC C ATG ----Mlu I Notl <u>Xhol</u> Myc.Tag DDK.Tag GAT CTG GCA GCA AAT GAT ATC CTG GAT TAC AAG GAT GAC GAC GAT AAG GTT TAA ACGGCCGGCC D L A A N D I L D Y K D D D K V Stop

--- GCG ATC GC ATG --- // --- NNN ACG CGT ---

\* The last codon before the Stop codon of the ORF.

ACCN: **ORF Size:**  NM\_001031706 927 bp

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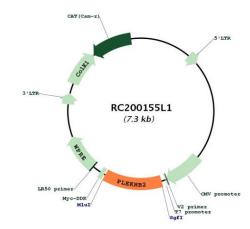
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn



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	HB2 (NM_001031706) Human Tagged Lenti ORF Clone – RC200155L1
OTI Disclaimer:	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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	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).
Reconstitution Method	<ol> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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>
RefSeq:	<u>NM 001031706.1, NP 001026876.1</u>
RefSeq Size:	1197 bp
RefSeq ORF:	929 bp
Locus ID:	55041
Cytogenetics:	2q21.1
MW:	34.2 kDa
Gene Summary:	Involved in retrograde transport of recycling endosomes.[UniProtKB/Swiss-Prot Function]

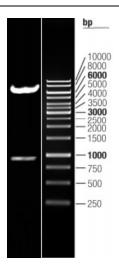
# Product images:



Circular map for RC200155L1

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Double digestion of RC200155L1 using Sgfl and Mlul

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