

## Product datasheet for RC227541

### EHBP1 (NM\_001142614) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	EHBP1 (NM_001142614) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EHBP1
Synonyms:	HPC12; NACSIN
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RC227541 representing NM_001142614 Red=Cloning site Blue=ORF Green=Tags(s)

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**Protein Sequence:** >RC227541 representing NM\_001142614  
 Red=Cloning site Green=Tags(s)

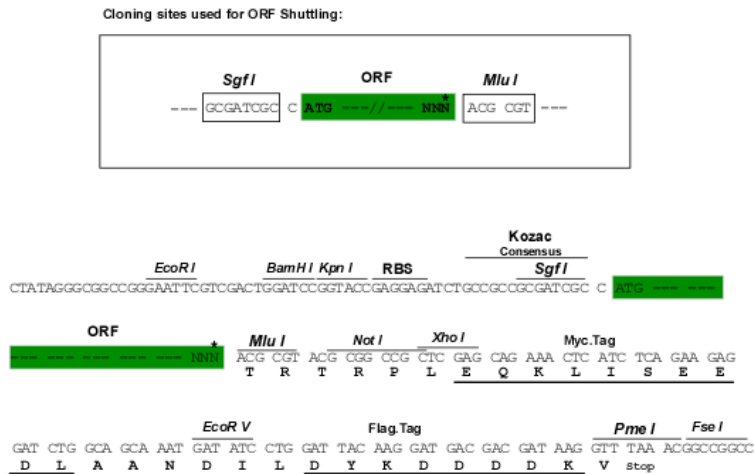
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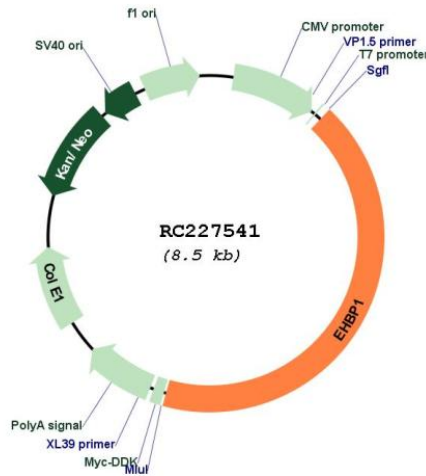
**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



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

**Plasmid Map:**


**ACCN:** NM\_001142614

**ORF Size:** 3588 bp

**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. [More info](#)

**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:**

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
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.

**RefSeq:** [NM\\_001142614.2](#)

**RefSeq ORF:** 3591 bp

**Locus ID:** 23301

**UniProt ID:** [Q8NDI1](#)

**Cytogenetics:** 2p15

**MW:** 136.1 kDa

**Gene Summary:**

This gene encodes an Eps15 homology domain binding protein. The encoded protein may play a role in endocytic trafficking. A single nucleotide polymorphism in this gene is associated with an aggressive form of prostate cancer. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Feb 2010]