

Product datasheet for **SC315286**

EHP1 (NM_015252) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EHP1 (NM_015252) Human Untagged Clone
Tag:	Tag Free
Symbol:	EHP1
Synonyms:	HPC12; NACSIN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_015252 edited

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CTCCAGAATACCCATCATATAGCCCCTGAGGTGGCATGGTGATGTCTCCATGAGGGAACC
CCTTCCCACCTCATCCTGTCACGTATATCATAGTGTCTTGACTGGGCCATTCATCTAAGA
TGGGATTTTACCCTGTGAAACAGGGAGAAGACTTATGGACCCCAAGCATCATTTTCGAGTTG
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 TAAGGATAATGGAGTTCTCTCTCTGCTTTCCTCAGAGGATGGTCCTTTAACATAGCCA
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ACAATACTGAGTCATATATAATTTTCAATAAAAGCAGAACTTTCTTACCTTAAAAAAA
AAAAAAAAAAAA

**5' Read Nucleotide
Sequence:**

>OriGene 5' read for NM_015252 unedited
GTGTCAAATTTGTATACGACTCACTATAGGCGGCCGGAATTCGCACGAGGCTCCAGAA
TACCCATCATATAGCCCCTGAGGTGGCATGGTGATGTCTCCATGAGGGAACCCCTTCCCA
CTCATCTGTACGTATATCATAGTGTCTTGACTGGGCCATTTCATCTAAGATGGGATTT
ACCCTGTGAAACAGGGAGAAGACTTATGGACCCCAAGCATCATTCGAGTTGTAGTTGAG
TTTTTAAAGACATACATGCAAAGTTCCTTTGCTTTGGACCCTCTGCATTATTAAGCTG
CTGTATTGCTAACCAGAACTGCTCCAGTGTCTTGACTGATCATATGGCTTCAGTTTGG
AAGAGACTGCAGCGTGTGGGAAAACATGCATCCAAGTTCAGTTTGTGGCCTCCTACCAG
GAGCTCATGGTTGAGTGTACGAAGAAATGGCAACCAGATAAACTGGTGGTAGTTTGGACC
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AGCCCTATGCCAACTCAGACTGATGTCAAGTTAAATTCAGCCATTATCTAAAAAGTT
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TGAAGACATGCAAGTTGGCTAGTTTGATGAGTATGAAGCAGCTGACATTGNCATTAGAT
GACTTNCGAGNNAGATATGAGATGATGATGAGAACAGAGTGAACCAGAA

Restriction Sites:

NotI-NotI

ACCN:

NM_015252

Insert Size:

5000 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation:

The insert of this clone has been fully sequenced and found to contain 3 SNPs when compared with NM_015252.2.

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_015252.2](#), [NP_056067.1](#)

RefSeq Size:

5077 bp

RefSeq ORF: 3696 bp

Locus ID: 23301

UniProt ID: [Q8NDI1](#)

Cytogenetics: 2p15

Domains: CH

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]
 Transcript Variant: This variant (1) encodes the longest isoform (1). Variants 1, 5, 6, and 7 encode the same isoform (1).