

Product datasheet for **RC208988**

EEPD1 (NM_030636) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	EEPD1 (NM_030636) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	EEPD1
Synonyms:	HSPC107
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC208988 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGGGAGCACCTGGGCTGCCACCGCTCCATCCCCAGGGACCCCTCGGACCTGTCCCATAGCCGAAGT
 TCAGCGCAGCCTGTAACCTCAGCAACATTCTAGTGAATCAGGAGCGGCTCAACATCAACACTGCCACGGA
 GGAGGAGCTGATGACCTGCCTGGGGTGACGCGTGCCGTGGCAGCAGCATCGTGGAGTACCGAGAGTAT
 ATCGGTGGCTTCAAGAAGGTGGAGGACCTGGCATTGGTCACTGGTGTAGGCGCCACCAAGCTGGAGCAGG
 TCAAGTTTGAGATCTGTGTGAGCAGCAAGGGCAGCTCAGCGCAGCACTCTCCAGTTCCCTGCGCGGGGA
 CCTGCTAGCGGAGCAGCAGCTCACCACCTGGCCACAGCTGTGCCCTCACCCACAGTGTAAATCAAC
 ACAGCCACCCCGCCAGCTCATGAGCGTGCGAGGCTCTCGGAGAAAATGGCCCTCAGCATCGTGGACT
 TCCGCCGTGAGCATGGGCCCTTTCGAGCGTTGAGGACCTAGTGAGGATGGATGGTATCAATGCCGCTT
 CCTGGACAGGATCCGGCACCAGGTGTTGCTGAGAGGTCCAGGCCCATCCACCACACGAACGGGGGA
 CTGACCTTCACCGCAAGCCTCACCCGAGCCCCACTTCCCTGAGCCTGCAGAGTGAAGACCTGGACCTGC
 CGCCAGGGGGGCCACCCAGATTATCTCACTCGGCCGTCCGTGGAGGCCCTTGGAGGCACAAGGGATGG
 GAGGCCTGTGCTGAGGCTGGCCACCTGGAACCTGCAGGGCTGTTCCGTGGAGAAGGCCAACACCCCGG
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 ACAGAGAGGCCTTGAAAAGTTCTGCACGGAGCTAAACCAGCCGACCTGCCCAACATCCGAAGTGAA
 GGGCCCCGGGGATGCTGGAAGGCTGTTGTTGCTGAGAAGCCCTCGAATCAGTCCAGAAGGGAGCTGGG
 TATGCAGGATTCCTATGGGACGCGGCTGCCGGCATGGAGCTGAGAGACGCGGGTTACAGGAGAGCTCGC
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 CCTGACCTTGTTAACCTTCACCTGGCAGCCCTGACCCTCCTGGGGAGCGAGAATCCAGCAAGAAATCAC
 AGTGATGGCCACCGGTTGGCGAGCTTTCACAGACCCTACAGGAAACCTGAAAGGAGAAAAGGATGTCA
 TTATCTTAGGGGATTTGGCCAAGGGCCAGACAGCAATGACTATGATATCCTGAGGAAAGAAAAGTTCCA
 CCACCTGATCCCCGCGCACACCTTACCAACATCAGCACCAGAACCCTCAAGGCTCGAAGTCTCTGGAC
 AACATCTGGATCAGTAAAAGCTTAAAGAAGTTTTACAGGCTACTGGGCTGTGGTGAGAGAAGGCTCA
 CGAACCCTTGATTCCGGATACTGGTCTTGGGGCGGGTGGCTTCTGAACACTGCCAGTGCTAGCCGA
 GTTCTACACTGAAAAGGACTGGAGCAAGAAGGACGCCCTCGGAACGGCAGCGGGGTGGCCTTGAGCGA
 AGTGAAGCCAACATCAAGCACGAGCGA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RC208988 protein sequence
 Red=Cloning site Green=Tags(s)

MGSTLGCHRSIPRPSDLSHSRKFSACNFSNILVNQERLNINTATEEELMTLPGVTRAVARSIVEYREY
 IGGFKKVEDLALVSGVGATKLEQVKFEICVSSKGSSAQHSPSSLRDLAEQQPHHLATAVPLTPRVNIN
 TATPAQLMSVRGLSEKMALSIDFRREHGPFERSVEDLVRMDGINAAFLDRIRHQVFAERSRPPSTHTNGG
 LTFTAKPHPSPTSLSLQSEDLDPGGPTQIISTRPSVEAFGGTRDGRPVRLATWNLQGCSEKANNPG
 VREVVCMTLLENSIKLLAVQELLDRLEALEKFCTELNQPTLPNIRKWKGPGRGWKAVVAEKPSNQLQKAG
 YAGFLWDAAGMELRDAGSQESSPSNGHKLAGPSPYLGRFKVGSDDLTLVNLHLAALTLLGSENP SKNH
 SDGHRLASFAQTLQETLKGEDVILGDFGQGPSNDYDILRKEKFHHLIPAHTFTNI STKNPQGSKSLD
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 SEANIKHER

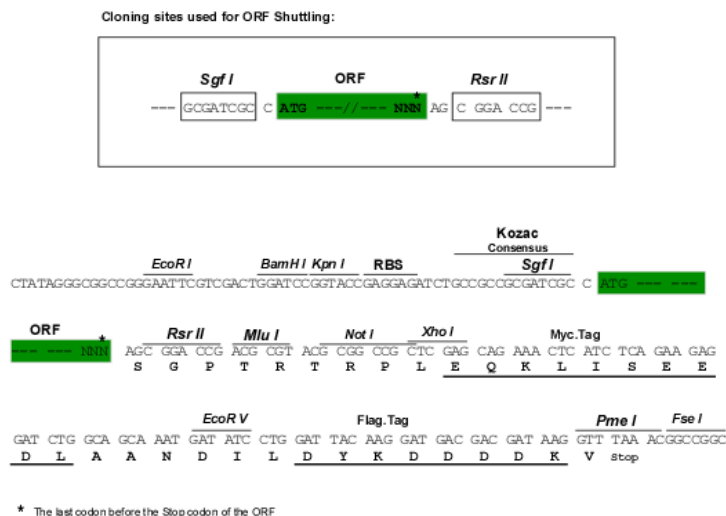
SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6620_c01.zip

Restriction Sites:

Sgfl-RsrII

Cloning Scheme:


ACCN: NM_030636

ORF Size: 1707 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_030636.1](#)

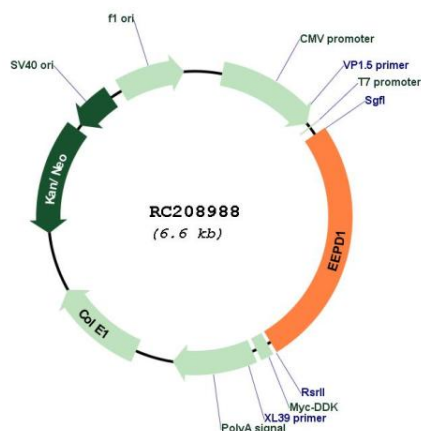
RefSeq Size: 4687 bp

RefSeq ORF: 1710 bp

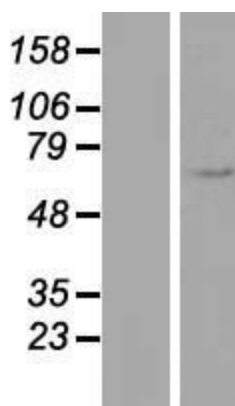
Locus ID: 80820

UniProt ID: [Q7L9B9](#)
 Cytogenetics: 7p14.2
 Domains: HHH, Hhh1, Exo_endo_phos
 MW: 62.4 kDa

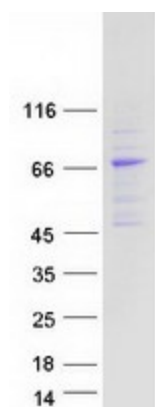
Product images:



Circular map for RC208988



Western blot validation of overexpression lysate (Cat# [LY410759]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC208988 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified EEPD1 protein (Cat# [TP308988]). The protein was produced from HEK293T cells transfected with EEPD1 cDNA clone (Cat# RC208988) using MegaTran 2.0 (Cat# [TT210002]).