

Product datasheet for **RC203916**

GPBP1L1 (NM_021639) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPBP1L1 (NM_021639) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	GPBP1L1
Synonyms:	SP192
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC203916 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCAGCATGATTTTGTCTGCTTGCTAAATTTCTCAACACCACAGTCAGCTAAGTCACCTACTG
 CCACCTTCGAAAAACACGAGAGACCTACCCAGAGGAGAAGGTAGATTTGGAGTAAGCCGCCGTCGACA
 TAATTCCTCTGATGGTTTTTTTAACAATGGTCCCTACGAACTGCAGGAGATTCTTGGCACCAGCCCTCC
 CTGTTCCGCCATGATTCTGTGGACTCTGGTGTCTCTAAGGGAGCATATGCTGGAATCACAGGGAACCCAT
 CTGTTGGCATAGCTCTTCCGAGGTCTGATGGCATGAGCCAACGTAGTGGAGTGGCAGGGAACCA
 TCGCCATTGGAATGGCAGCTTCCACTCCCGAAAGGTGTGCTTTTCAGGAAAAGCCACCTATGGAGATT
 AGGGAAGAAAAGAAAGACAAGGTGGAAGTTGCAGTTTGAAGAGGAGGACTTCTTCTCTGAATC
 CAGAAGCTGGCAAACAGCATCAGCCATGCAGACCTATTGGGACACCTTCTGGAGTATGGGAAAACCCGCC
 TAGTGCCAAGCAACCCTCCAAGATGCTAGTTATCAAAAAAGTTTCAAAGAGGATCCTGCTGCTGCCTTC
 TCTGCTGATTACCTCACCAGGATCTCACCATGCAAAATGGGAACAAATTGTCATCCGTGGTTCCAAGTG
 TCTATAAGAACCTGGTTCTAAGCCTGTACCACCTCCTTCCAAGCCTAATGCATGGAAAGCTAACAGGAT
 GGAGCACAAAGTCAGGATCCCTTTCTCTAGCCGGAGTCTGCTTTTACCAGTCCAATCTCTGTTACCAAA
 CCAGTGGTACTGGCTAGTGGTGCAGCTCTGAGTTCTCCAAAGAGAGTCCCTCCAGCACCACCCCTCCAA
 TTGAGATCAGCTCCTCTCGTCTGACCAAGTTGACCCGCCGAACCCAGCAGGAAGAGTGAGTTCCTGAA
 AACTCTGAAGGATGACCGGAATGGAGACTTCTCAGAGAATAGAGACTGTGACAAGCTGGAAGATTGGAG
 GACAACAGCACACCTGAACCAAAGGAAAATGGGAGGAAGGCTGTCATCAAAATGGTCTTGCCCTCCCTG
 TAGTGGAAGAAGGGGAGGTTCTCTCACACTCTCTAGAAGCAGAGCACAGGTTATTGAAAGCTATGGGTTG
 GCAGGAATATCCTGAAAATGATGAGAATTGCCTTCCCTCACAGAGGATGAGTCAAAGAGTTCACATG
 AAGACAGAGCAGCTGAGAAGAAATGGCTTTGAAAGAATGGCTTCTGAGAGCCGAGTTCAGTCTGT
 TCTCCCTTGGAAGCACTTGCAAAGCAGAGTTTGGAGACTCAGACACCGAAACCAAGTAGCAGTGAAAC
 ATCAGATGACGATGCCTGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC203916 protein sequence
 Red=Cloning site Green=Tags(s)

MAQHDFVPAWLNFTSPQSAKSPTATFEKHGEHLPRGEGRFVSRRRHNSSDGFNNGLPLRTAGDSWHQPS
 LFRHDSVDSGVSKGAYAGITGNPSGWHSSSRGHDGMSQSRGGGTGNHRHWNGSFHSRKGCFAQEKPPMEI
 REEKEDKVEKLQFEEDFPSLNPEAGKHQPCRPITPSGVWENPPSAKQPSKMLVIKKVSKEDPAAAF
 SAAFTSPGSHHANGNKLSSVPSVYKNLVKPVPPPSKPNAWKANRMEHKSGLSSSRESAFTSPISVTK
 PVVLASGAALSSPKESPSSTTPPIEISSRLTKLTRTTDRKSEFLKTLKDDRNGDFSENRCDKLEDLE
 DNSTPEPKENGEEGCHQNLALPVVEEGEVLSHSLEAEHRLKAMGWQEYPENDENCLPLTEDELKEFHM
 KTEQLRRNGFGKNGFLQSRSSSLFSPWRSTCKAEFEDSDTETSSSETSDDDAWK

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6323_d03.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_021639

ORF Size: 1422 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_021639.5](#)

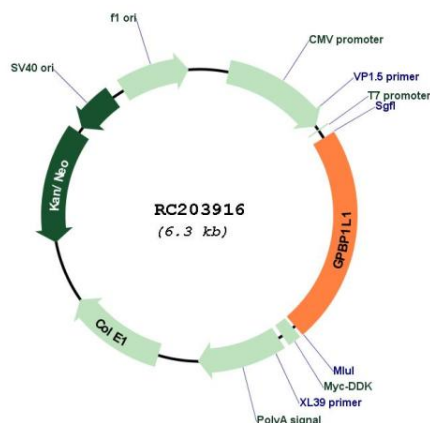
RefSeq Size: 3754 bp

RefSeq ORF: 1425 bp

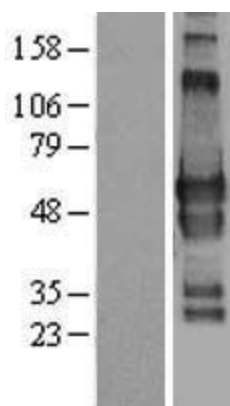
Locus ID: 60313

UniProt ID: Q9HC44
Cytogenetics: 1p34.1
MW: 52.3 kDa
Gene Summary: Possible transcription factor.[UniProtKB/Swiss-Prot Function]

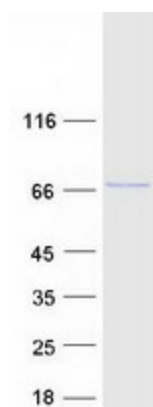
Product images:



Circular map for RC203916



Western blot validation of overexpression lysate (Cat# [LY411949]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC203916 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified GPBP1L1 protein (Cat# [TP303916]). The protein was produced from HEK293T cells transfected with GPBP1L1 cDNA clone (Cat# RC203916) using MegaTran 2.0 (Cat# [TT210002]).