

Product datasheet for **RG203916**

GPBP1L1 (NM_021639) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GPBP1L1 (NM_021639) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	GPBP1L1
Synonyms:	SP192
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG203916 representing NM_021639
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGCAGCATGATTTTGTTCCTGCTTGCTAAATTTCTCAACACCACAGTCAGCTAAGTCACCTACTG
 CCACCTTCGAAAAACACGGAGAGCACCTACCCAGAGGAGAAGGTAGATTTGGAGTAAGCCGCCGTCGACA
 TAATTCCTCTGATGGTTTTTTTAACAATGGTCCCTACGAACTGCAGGAGATTCTTGGCACCAGCCCTCC
 CTGTTCCGCCATGATTCTGTGGACTCTGGTGTCTCTAAGGGAGCATATGCTGGAATCACAGGGAACCCAT
 CTGGTTGGCATAGCTCTTCCCGAGGTCATGATGGCATGAGCCAACGTAGTGGAGTGGCACAGGGAACCA
 TCGCCATTGGAATGGCAGCTTCCACTCCCGAAAGGTGTGCTTTTCAGGAAAAGCCACCTATGGAGATT
 AGGGAAGAAAAGAAAGACAAGGTGGAAGTTGCAGTTTGAAGAGGAGGACTTTCCTTCCTTGAATC
 CAGAAGCTGGCAAACAGCATCAGCCATGCAGACCTATTGGGACACCTTCTGGAGTATGGGAAAACCCGCC
 TAGTGCCAAGCAACCCTCCAAGATGCTAGTTATCAAAAAAGTTTCAAAGAGGATCCTGCTGCTGCCTTC
 TCTGCTGCATTACCTCACCAGGATCTCACCATGCAAAATGGGAACAAATTGTCATCCGTGGTTCCAAGTG
 TCTATAAGAACCTGGTTCTAAGCCTGTACCACCTCCTTCCAAGCCTAATGCATGGAAAGCTAACAGGAT
 GGAGCACAAAGTCAGGATCCCTTTCTCTAGCCGGGAGTCTGCTTTTACCAGTCCAATCTCTGTTACCAAA
 CCAGTGGTACTGGCTAGTGGTGCAGCTCTGAGTTCTCCAAAGAGAGTCCCTCCAGCACCACCCCTCCAA
 TTGAGATCAGCTCCTCTCGTCTGACCAAGTTGACCCGCCGAACCCAGCAGGAAGAGTGAGTTCTTGAA
 AACTCTGAAGGATGACCGGAATGGAGACTTCTCAGAGAATAGAGACTGTGACAAGCTGGAAGATTGGAG
 GACAACAGCACACCTGAACCAAAGGAAAATGGGGAGGAAGGCTGTATCAAAATGGTCTTGCCCTCCCTG
 TAGTGGAAGAAGGGGAGGTTCTCTCACACTCTCTAGAAGCAGAGCACAGGTTATTGAAAGCTATGGGTTG
 GCAGGAATATCCTGAAAATGATGAGAATTGCCTTCCCTCACAGAGGATGAGCTCAAAGAGTTCCACATG
 AAGACAGAGCAGCTGAGAAGAAATGGCTTTGAAAGAATGGCTTCTTGACAGGCCGAGTCCAGTCTGT
 TCTCCCTTGGAAGCACTTGCAAAGCAGAGTTGAGGACTCAGACACCGAAACCAAGTAGCAGTGAAAC
 ATCAGATGACGATGCCTGGAAG

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

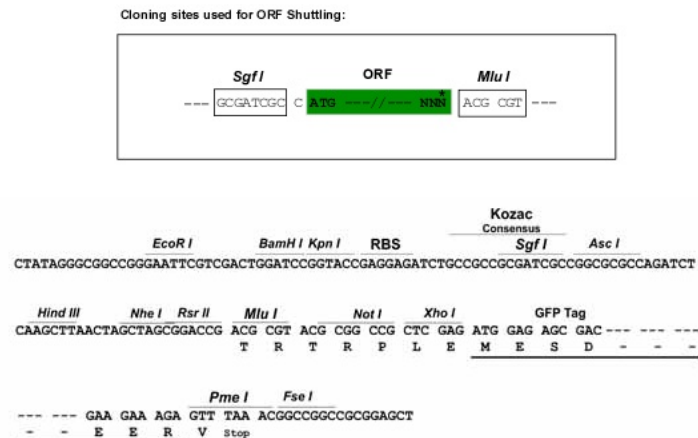
>RG203916 representing NM_021639
 Red=Cloning site Green=Tags(s)

MAQHDFVPAWLNFTSPQSAKSPTATFEKHGEHLPRGEGRFVSRRRHNSSDGFFNNGPLRTAGDSWHQPS
 LFRHDSVDSGVSKGAYAGITGNPSGWHSSSRGHDGMSQSRGGTGNHRHWNGSFHSRKGAFAQEKPPMEI
 REEKKEDKVEKLQFEEDFPSLNPEAGQHQPCRPIGTPSGVWENPPSAKQPSKMLVIKKVSKEDPAAAF
 SAAFTSPGSHHANGNKLSSVVPVYKNLVPKVPVPPSKPNAWKANRMEHKSGLSSSRESAFTSPISVTK
 PVLASGAALSSPKESPSSTTPPIEISSRLTKLTRRTTDRKSEFLKTLKDDRNGDFSENDRCDKLEDLE
 DNSTPEPKENGEEGCHQNGLALPVVEEGEVLSHSLEAEHRLKAMGWQEYPENDENCLPLTEDELKEFHM
 KTEQLRRNGFGKNGFLQSRSSSLFSPWRSTCKAEFSDTETSSSETSDDDAWK

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-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](#)

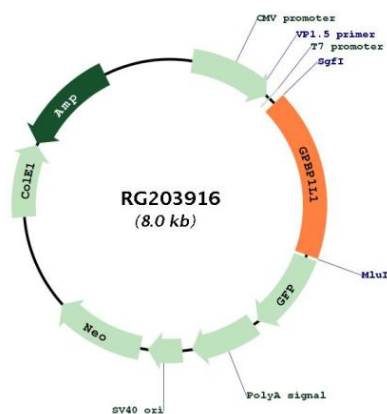
RefSeq Size: 3401 bp

RefSeq ORF: 1425 bp

Locus ID: 60313

UniProt ID: [Q9HC44](#)
 Cytogenetics: 1p34.1
 Gene Summary: Possible transcription factor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG203916