

Product datasheet for **MR207565**

Gpbp1l1 (NM_029868) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gpbp1l1 (NM_029868) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gpbp1l1
Synonyms:	5330440M15Rik; BC002292
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide
Sequence:**

>MR207565 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCAGCATGACTTTGTTCTGCTTGCTAAATTTCTCAACGCCACAGTCATCTAAGTCATCTACAG
 CCACCTTTGACAAACACGAGAGACCTATCCCGTGGAGAAGGTAGATTTGGAATAAGCCGTCGTCGACA
 TAATTCCTCTGATGGTTTTTTTAAATGGACCTCTACGGACTACGGGAGATTCTTGGCACCAACCTCC
 CTATTCGCCCATGATTCTGTTGACTCTGGTGTCTCTAAGGGAGCATATGCTGGAACCACAGGTTGGCATG
 GCTCTTCCCGAGGTCTGATGGTATGAGCCAACGTAGTGGAGGTAGTAGTACAGGAAACCACCGACACTG
 GAATGGCAGCTTCCATTCGGAAGGCTGCGCCTTTCAAGAAAAACCAACTGAGATTAGGGAAGAA
 AAGAAAGAGGATAAAGTAGAAAAGTTGCAGTTCGAAGAGGAAGACTTCCCTTCTTGAATCCAGAAGCTG
 GCAACAGAATCAGCCCTGCAGACCTGTTGGGACCCCTTCTGGAGTGTGGGAAAAACCACTAGTGCCAA
 GCAACCCTCAAAGATGCTAGTCATCAAAAAATTTCAAAGAGGATCCTGCTGCTGCCTTTTCTGCTGCA
 TTCACCTCCTCAGATCCCACTGCAATGGGAACAAAGTGCAACAATGGTCCCAAGTGTCTATAAGA
 ACTTGGTGCCTAAGCCTGCACCCTCCCTCTAAGCCCAACGCCTGGAAGCTAACAGAACGGAACACAA
 ACCTGGATCACTTTGCTCTAGCCGGGAGTCTGCTTTCACCAATCCAATTTCTGTTACTAAACAGTGGGA
 CTGGCTGCTGGTGAGGTCTCCACTCTCCCAAAGAGAGTCCCTCCAGTACTACCCTCCAATTGAGATCA
 GCTCCTCTCGTCTGACCAAAATGACCCGACGAACCACAGACAGGAAGAGTGAGTTCCTGAAGACTCTGAA
 GGATGAACGAAATGGAGACTGCTCAGAAAGTAGAGACTGTGACAAGCTGGAGGGGCTAAGATTGGAGGGC
 AGCCACACACCCGAACCAAGGAAAAATGGAGAACAAGTTGTCTTCAGAACGGTCTTTCTCTACCCATGG
 TAGAGGAAAGGGAGGTTCTGTCACTCTCTGGAAGCAGAGCACAGGTTATTAAGCAATGGGGTGGCA
 GGAGTACCCTGAAAATGATGAGAGCTGCCTTCCACTCACAGAGGACGAGCTCAAGGAGTTCCACCTGAGA
 ACAGAGCAGCTACGAAGAAATGGGTTTGGAAAGATGGCCTCTTACAAGCCGTAGTTGCAACCTGTCCT
 CCCCCTGGAGAAGCACTTGCAATTGCAGAGTGTGAGGACTCGGACACGGAACGAGCAGCAGCCAGACGCT
 AGATGACGATGCCTGGAAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207565 protein sequence
 Red=Cloning site Green=Tags(s)

MAQHDFVPAWLNFTSQSSKSSSTATFDKHGEHL SRGEGRFGISRHHNSSDGFNNGLPLRTTGDSWHQPS
 LFRHDSVDSGVSKGAYAGTTGWHGSSRGHDGMSQSRSGSSTGNHRHWNGSFHSRKGAFAQEKTPTEIREE
 KKEDKVEKLQFEEEDFSLNPEAGKQNPQCRPVGTPSGVWENPPSAKQPSKMLVIKKISKEDPAAAFSAA
 FTSSGSHHANGNKVSTMVPSVYKNLVKPAAPPSPKPNAWKANRTEHKPGSLCSSRESAFTNPISVTKPVG
 LAAGAGLHSPKESPSSTTPPIEISSRLTKL TRRTTDRKSEFLTKLKDERNGDCSESRCDKLEGLRLEG
 SHTPPEPKENGEQGCLQNGLSLPMVEEREVL SHSLEAEHRLKAMGWQEYPENDESCLPLTEDELKEFHRLR
 TEQLRRNGFGKNGLLQSRSCNLSPPWRSTCIAECEDSDTETSSSQTSDDDAWK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_029868

ORF Size: 1419 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_029868.1](#), [NM_029868.2](#), [NP_084144.2](#)

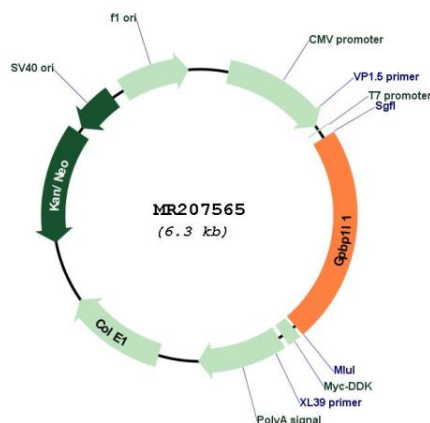
RefSeq Size: 3550 bp

RefSeq ORF: 1422 bp

Locus ID: 77110

UniProt ID: Q6NZP2
 Cytogenetics: 4 D1
 MW: 52.1 kDa
 Gene Summary: Possible transcription factor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR207565