

Product datasheet for **RR213980**

Itgb1bp1 (NM_001106719) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Itgb1bp1 (NM_001106719) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Itgb1bp1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR213980 representing NM_001106719
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTTCGCAAAGGCAAGAAGAGACACAGCAGCAGCAGTTCCCAGAGCAGTGAAATCAGTACAAAGAGCA
AGTCTGTGGATTCCAGCCTTGGAGGGCTTTCAAGATCCAGCACTGTCGCCAGCCTCGATACAGACTCCAC
TAAAGCTCAGGACAAAGTAACAGCAATTTAGACACGTGTGCTGAGTTCCGAATAAAGTACGTTGGTGCC
ATCGAGAACTGGCTGTGCTGAGGGGAAGAGCCTCGAAGGACCACTAGACCTGATAAATTACATAGATG
TCGCCCAGCAAGATGGAAGTTACCTTTTGTTCCTGGAAGAGGAGTTTATTCTGGCGTTTCTAAGTA
CGGCATAAAAGTCTCGACCATGGATCAGCATGGTGTCTGCATAGGCATGCCCTGTATTTAATCATCCGG
ATGGTGTGTTACGATGATGGCCTGGGAGCCGGAAGAGCTTGCTGGCACTCAAGACCACCGATGCAAGCA
ATGAAGAATACAGCCTGTGGTTTACCAGTGTAACAGCCTGGAACAAGCCAAGCAATCTGCAAGGTCTT
ATCCACAGCGTTTGACTCCGTGTTGACCTCTGACAAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR213980 representing NM_001106719
Red=Cloning site Green=Tags(s)

MFRKGKKRHSSSSQSSEISTKSKSVDSLGLSRSSSTVASLDTDSTKSSGQSNLDTCAEFRIKYVGA
IEKLAVSEGKSLEGPLDLINYIDVAQQDGKLPFVPMEEFILGVSKYGIKVSTMDQHGVLRHALYLIIR
MVCYDDGLGAGKSLALKTTDASNEEYSLWVYQCNLEQAQAICKVLSTAFDSVLTSDKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001106719

ORF Size: 600 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.

RefSeq: NM_001106719.2, NP_001100189.1

RefSeq Size: 1361 bp

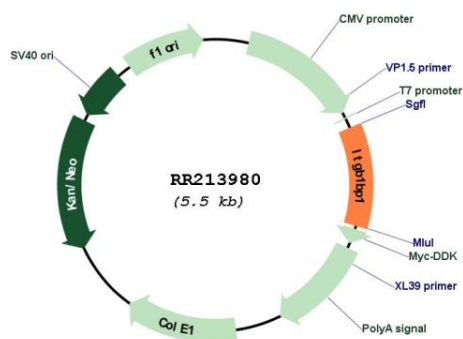
RefSeq ORF: 603 bp

Locus ID: 298914

Cytogenetics: 6q16

MW: 21.7 kDa

Product images:



Circular map for RR213980