

Product datasheet for **SC303872**

BVES (NM_007073) Human Untagged Clone

Product data:

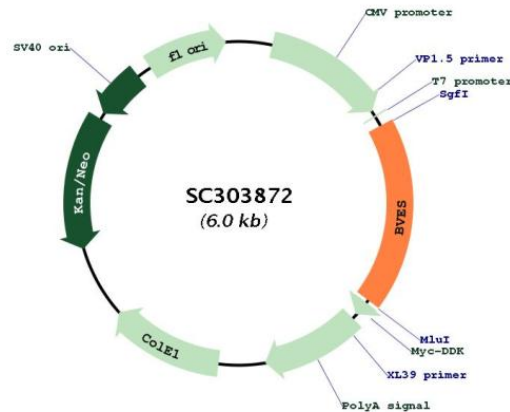
Product Type: Expression Plasmids
Product Name: BVES (NM_007073) Human Untagged Clone
Tag: Tag Free
Symbol: BVES
Synonyms: CARICK; HBVES; LGMD2X; LGMDR25; POP1; POPDC1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >SC303872 representing NM_007073.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAATTATACAGAGTCCAGCCATTGAGAGAATCAACTGCCATAGGTTTTACACCTGAGTTAGAAAAGT
ATCATACCTGTGCCTTCCAATAAGACCACTTGTGAAAAGTGGAGAGAGATACATCATCTGGTTTTTCAT
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AGACCGGTAAGATTGAAAAGGAACTCAGTGGCATGTACCGGCGATTGTTGAACCACTCCGTGTGCCT
CCAGATTTGTTTCAGAAGACTAACTGGACAGTTTTGCATGATCCAAACCTTGAAAAAGGGCCAACTTAT
GCTGCAGAGGATAAAACCTCAGTTGATGACCGTCTGAGTATTCTCTTGAAGGGAAAAATGAAGGTCTCC
TATCGAGGACATTTTCTGCATAACATTTACCCCTGTGCCTTTATAGATTCTCTGAATTTAGATCAACT
CAGATGCACAAAGGTGAAAAATTCAGGTCACCATTTATTGCAGATGATAACTGCAGATTTTTATGCTGG
TCAAGAGAAAGATTAACATACTTTCTGGAATCAGAACCTTTCTTGATGAAATCTTTAGGTATCTTATT
GGAAAAGACATCACAAATAAGCTCTACTCATTGAATGATCCACCTTAAATGATAAAAAAGCCAAAAAG
CTGGAACATCAGCTCAGCCTCTGCACACAGATCTCCATGTTGAAATGAGGAACAGTATAGCCAGCTCC
AGTGACAGTGACGACGGCTTGACCAAGTTCTTCGGGGTACCTCCAGCATGTCCTCTTTCATGTGTCA
TCCCCACACCAGCGAGCCTCTGCCAAGATGAAACCGATAGAAGAAGGAGCAGAAGATGATGATGACGTT
TTTGAACCGCATCTCCAATACATTGAAAGTCCATCAGCTGCCTTGA
ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: SgfI-MluI



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Plasmid Map:


ACCN: NM_007073

Insert Size: 1083 bp

OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_007073.4](#)

RefSeq Size: 5469 bp

RefSeq ORF: 1083 bp

Locus ID: 11149

UniProt ID: [Q8NE79](#)

Cytogenetics: 6q21

Protein Families: Transmembrane

MW: 41.5 kDa

Gene Summary: This gene encodes a member of the POP family of proteins containing three putative transmembrane domains. This gene is expressed in cardiac and skeletal muscle and may play an important role in development of these tissues. The mouse ortholog may be involved in the regeneration of adult skeletal muscle and may act as a cell adhesion molecule in coronary vasculogenesis. Three transcript variants encoding the same protein have been found for this gene. [provided by RefSeq, Dec 2010]
Transcript Variant: This variant (A) and variants B and C encode the same protein. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.