

Product datasheet for **SC125867**

BVES (NM_147147) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	BVES (NM_147147) Human Untagged Clone
Tag:	Tag Free
Symbol:	BVES
Synonyms:	CARICK; HBVES; LGMD2X; LGMDR25; POP1; POPDC1
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_147147 edited
AGAGCGCCGATGGCTGGGGACCCGAGGTCGCGCCACCCGCAACCTCCTTCCCCGA
GCCTTTGGGAACGGGTTGTTGGCCAGACAAGTCCCAGAACTGCCTGCTTTGAAGCATGA
ATAAGTGCAGAAAAGACTCTTAGCAATGAATTTTCAAATGAATTATACAGAGTCCAGCCC
ATTGAGAGAATCAACTGCCATAGTTTTACACCTGAGTTAGAAAGTATCATACCTGTGCC
TTCCAATAAGACCACTTGTGAAACTGGAGAGAGATACATCATCTGGTTTTTCATGTAGC
AAATATTTGTTTTGCAGTTGGGTTGGTTATTCCAACACTCTTCACCTTCATATGATATT
TCTTAGGGGAATGTTAACTCTAGGATGTACCCTTTATATCGTCTGGGCCACTCTCTACC
ATGTGCCCTGGATATAATGATCTGGAACCTGTGTTCTTGGGTGTCAACATTTTGCATCT
GTCGTATCTTTTACAAGAAGAGACCGGTAAGATTGAAAAGGAACTCAGTGGCATGTA
CCGGCGATTGTTGAACCACTCCGTGTGCCTCCAGATTTGTTCCAGAACTAACTGGACA
GTTTTGCATGATCCAAACCTTGAAAAGGGCCAACTTATGCTGCAGAGGATAAAACCTC
AGTTGATGACCGTCTGAGTATTCTCTTGAAGGGAAAAATGAAGGTCTCCTATCGAGGACA
TTTTCTGCATAACATTTACCCCTGTGCCTTTATAGATTCTCCTGAATTTAGATCAACTCA
GATGCACAAAGGTGAAAAATCCAGGTCACCATATTGTCAGATGATAACTGCAGATTTTT
ATGCTGGTCAAGAGAAAGATTAACATACTTTCTGGAATCAGAACCTTTCTGTATGAAAT
CTTTAGGTATCTTATTGGAAAAGACATCACAATAAGCTCTACTCATTGAATGATCCAC
CTTAAATGATAAAAAAGCCAAAAAGCTGGAACATCAGCTCAGCCTCTGCACACAGATCTC
CATGTTGGAAATGAGGAACAGTATAGCCAGCTCCAGTGACAGTGACGACGGCTTGCACCA
GTTTTCTCGGGGTACCTCCAGCATGTCCTCTTTCATGTGTCATCCACACCAGCGAGC
CTCTGCCAAGATGAAACCGATAGAAGAAGGAGCAGAAGATGATGATGACGTTTTTTGAACC
GGCATCTCCAATACATTGAAAGTCCATCAGCTGCCTTGATCAGAGAGAGAATTCAGGTT
ACCAAGACGGAAGGTGCTTGAAGAGATCCTGAAAAATACCAGCACTTTTTTCATGGCTTT
TAGGTTATTCTGCTTTAGTGCATCCAGACTGGTAGAGTCGGAGGGAGGAAGTGAGGAAGG
GTCAAGGATGGAAGATTCTTTCACTTACCCTTTTTATTAGTCAGCTTTTAAAGTAATTG
TTTTACTGAGCCTTCTGACTATGCCTTGTCTCTTTTGGAGATATATTTTACAGTCAA
AAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_147147 unedited AGACCTGATTTGTATACGACTACTATAGGCGGCCGCATAACTTCGTATAGCATACATTAT ACGAAGTTATGGATCAGGCCAAATCGGCCGAGCTCGAATTCGTGAGAGCGGAGAGCGCC GATGGCTGGGGACCCGAGGTCCGCGCCACCCACCCGCAACCTCCTCCCGAGCCTTTGG GAACGGTTGTTGGCCAGACAAGTCCCAGAAACTGCCTGCTTTGAAGCATGAATAAGTGC GAAAAGACTCTTAGCAATGAATTTTCAAATGAATTATACAGAGTCCAGCCCATTGAGAG AATCAACTGCCATAGGTTTTACACCTGAGTTAGAAAGTATCATACCTGTGCCTTCCAATA AGACCACTTGTAAGAACTGGAGAGAGATACATCATCTGGTTTTTTCATGTAGCAAATATTT GTTTTGCAGTTGGGTTGGTTATTCCAACACTCTTCCACCTTCATATGATATTTCTTAGGG GAATGTTAACTCTAGGATGTACCCTTTATATCGTCTGGGCCACTCTACCGATGTGCCT TGGATATAATGATCTGGAACCTGTGTTCTTGGGTGTCAACATTTTGCATCTGTCGTATC TTTTATAACAAGAAGACCCGTAAGATTGAAAAGAACTCAGTGGCATGTACCGCGCAT TGTTTGAACCACTCCGTGTGCCTCCAGATTTGTTGAGAAGACTAACTGGACAGTTTTGCA TGATCCANACCTGAAAAAGGCCAACTTATGCTGCAGAGGATAAACCTCAGTTGATGA CCGTCTGATATTCTTGAAGGAAAAATGAAGTCTCTATCGAGGACATTTTCTGCATAC ATTTACCCTGTGCCTTATAGATTCTCCTGAATTAGATCACTCAGATGCCAAAGTAAAA TCCGGTCACATTATGCAAC
Restriction Sites:	NotI-NotI
ACCN:	NM_147147
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).
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:	<ol style="list-style-type: none">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_147147.2 , NP_671488.1
RefSeq Size:	5507 bp
RefSeq ORF:	1083 bp
Locus ID:	11149
UniProt ID:	Q8NE79
Cytogenetics:	6q21
Protein Families:	Transmembrane

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 (B) has an alternate 5' UTR exon and encodes the same protein, as compared to variant A.