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Product datasheet for SC200788

BSCL2 (NM_001130702) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	BSCL2 (NM_001130702) Human 3' UTR Clone
Symbol:	BSCL2
Synonyms:	GNG3LG; HMN5; HMN5C; PELD; SPG17
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_001130702
Insert Size:	326 bp
Insert Sequence:	>SC200788 3'UTR clone of NM_001130702 The sequence shown below is from the reference sequence of NM_001130702. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC AGGAGGAGAAACCAGATCAGCAGCCCCTGAGCGGAGAAGAGGAGCTAGAGCCTGAGGCCAGTGATGGTT CAGGCTCCTGGGAAGATGCAGCTTTGCTGACGGAGGCCAACCTGCCTGCTCCTGCTCCTGCTTCTGCTT CTGCCCCTGTCCTAGAGACTCTGGGCAGCTCTGAACCTGCTGGGGGTGCTCTCCGACAGCGCCCCACCT GCTCTAGTTCCTGAAGAAAAGGGGCAGACTCCTCACATTCCAGCACTTTCCCACCTGACTCCTCTCCCC TCGTTTTTCCTTCAATAAACTATTTTGTGTCAGCTTCTTCCTTGACTCTG ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG
Restriction Sites:	SgfI-MluI
OTI Disclaimer:	Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).
Components:	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
RefSeq:	NM_001130702.2

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Summary: This gene encodes the multi-pass transmembrane protein protein seipin. This protein localizes to the endoplasmic reticulum and may be important for lipid droplet morphology. Mutations in this gene have been associated with congenital generalized lipodystrophy type 2 or Berardinelli-Seip syndrome, a rare autosomal recessive disease characterized by a near absence of adipose tissue and severe insulin resistance. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Naturally occurring read-through transcription occurs between this locus and the neighboring locus HNRNPUL2 (heterogeneous nuclear ribonucleoprotein U-like 2).[provided by RefSeq, Mar 2011]

Locus ID: 26580

MW: 12