

Product datasheet for MG207064

Bscl2 (BC061689) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids					
Product Name:	Bscl2 (BC061689) Mouse Tagged ORF Clone					
Tag:	TurboGFP					
Symbol:	Bscl2					
Synonyms:	2900097C17Rik, seipin					
Mammalian Cell Selection:	Neomycin					
Vector:	pCMV6-AC-GFP (PS100010)					
E. coli Selection:	Ampicillin (100 ug/mL)					
Restriction Sites:	Sgfl-Mlul					
Cloning Scheme:	Cloning sites used for ORF Shuttling:					

Sgfi ORF Miul ---- GCGATCGC C ATG ---- NNN ACG CGT ---

											ozac					
EcoR I			BamH I Kpn I			/ RBS				Sgfl		Asc /				
CTATAGGGCGGG	CCGGGAA	TTCGTC	GACT	GAT	CCGG	ACCO	GAGG	GATO	TGCO	GCCG	CGAT	CGCC	CGGC	GCGC	CAGA	TCT
Hind III	Nhe I	Rsr II	M	u I		N	otl	x	ho I		3	GFP T	ag			
CAAGCTTAACT	AGCTAGC	GGACCO	ACG	CGT	ACG	CGG	CCG	CTC	GAG	ATG	GAG	AGC	GAC			
			т	R	т	R	P	L	E	м	E	S	D	-	-	-
		P	me l	F	se /											
GAA	GAA AG	-		Fa		CCGC	GGAG	CT								

 ACCN:
 BC061689

 ORF Size:
 1331 bp

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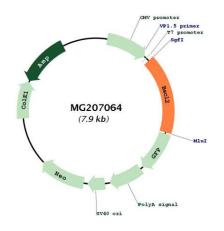


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GRIGENE Bscl2	(BC061689) Mouse Tagged ORF Clone – MG207064
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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. <u>More info</u>
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:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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:	<u>BC061689</u> , <u>AAH61689</u>
RefSeq Size:	1717 bp
RefSeq ORF:	1331 bp
Locus ID:	14705
Cytogenetics:	19 5.76 cM
Gene Summary:	Is a regulator of lipid catabolism essential for adipocyte differentiation. Necessary for correct lipid storage and lipid droplets maintenance; may play a tissue-autonomous role in controlling lipid storage in adipocytes and in preventing ectopic lipid droplet formation in non-adipose tissues. May also be involved in the central regulation of energy homeostasis. [UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MG207064

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