

Product datasheet for MG219359

Acsf3 (NM_144932) Mouse Tagged ORF Clone

Product data:

ACCN:

ORF Size:

Product data:	
Product Type:	Expression Plasmids
Product Name:	Acsf3 (NM_144932) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Acsf3
Synonyms:	BB101783
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:

ORF

RBS

Mlul

ACG CGT

Kozac Sgf I

Asc I

GFP Tag

Sgfl

EcoR I

Nhe I Rsr II

Hind III

NM_144932

1749 bp

CGATCGC

BamH I Kpn I

 Hind III
 Nhe I
 Rsr II
 Mlu I
 Not I
 Xho I
 GEP Tag

 CAAGCTTAACTAGCGACCG
 ACG
 CGT
 CGT
 CGC
 CCC
 GAG
 ATG
 CGC
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 GAG
 ATG
 CACG
 CGC
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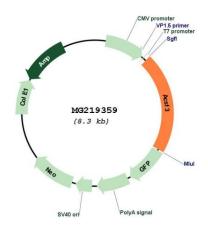
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CRIGENE Acsf3 (NM_144932) Mouse Tagged ORF Clone – MG219359	
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ 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>NM 144932.3</u> , <u>NP 659181.2</u>
RefSeq Size:	2236 bp
RefSeq ORF:	1752 bp
Locus ID:	257633
UniProt ID:	Q3URE1
Cytogenetics:	8 E1
Gene Summary:	Catalyzes the initial reaction in intramitochondrial fatty acid synthesis, by activating malonate and methylmalonate, but not acetate, into their respective CoA thioester. May have some preference toward very-long-chain substrates (By similarity).[UniProtKB/Swiss-Prot Function]

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Product images:



Circular map for MG219359

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