

## Product datasheet for RC200213L4

### ACAA1 (NM\_001607) Human Tagged Lenti ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ACAA1 (NM_001607) Human Tagged Lenti ORF Clone
Tag:	mGFP
Symbol:	ACAA1
Synonyms:	ACAA; PTHIO; THIO
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
E. coli Selection:	Chloramphenicol (34 ug/mL)
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200213).
Restriction Sites:	SgfI-MluI
Cloning Scheme:	

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF.



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<b>Locus ID:</b>	30
<b>UniProt ID:</b>	<a href="#">P09110</a>
<b>Cytogenetics:</b>	3p22.2
<b>Domains:</b>	thiolase
<b>Protein Pathways:</b>	Biosynthesis of unsaturated fatty acids, Fatty acid metabolism, Metabolic pathways, PPAR signaling pathway, Valine, leucine and isoleucine degradation
<b>MW:</b>	44.3 kDa
<b>Gene Summary:</b>	This gene encodes an enzyme operative in the beta-oxidation system of the peroxisomes. Deficiency of this enzyme leads to pseudo-Zellweger syndrome. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2008]