

Product datasheet for **RG235589**

ACYP1 (NM_001302616) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ACYP1 (NM_001302616) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ACYP1
Synonyms: ACYPE
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG235589 representing NM_001302616.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGCATCGCC
ATGGCAGAAGGAAACACCCTGATATCAGTGGATTATGAAATTTTGGGAAGGTGCAAGGGGTGTTTTTC
CGTAAGCATACTCAGGCTGAGGGTAAAAAGCTGGGATTGGTAGGCTGGTCCAGAACACTGACCGGGGC
ACAGTGAAGGACAATTGCAAGTCCCATCTCCAAGGTGCGTCATATGCAGGAATGGCTTAAAACAAGA
GGAAGTCTAAATCACACATCGACAAAGCAAACCTCAACAATGAAAAAGTCATCTGAAGTTGGATTAC
TCAGACTTCAAATTGTAATA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG235589
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MAEGNTLISVDYEIFGKVGQVFFRKHTQAEGKKLGLVGWVQNTDRGTVQGGQLQGPISKVVRHMQEWLETR
GSPKSHIDKANFNNEKVIKLDYSDFQIVK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPEP
SVIFTDKIIRSNAATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

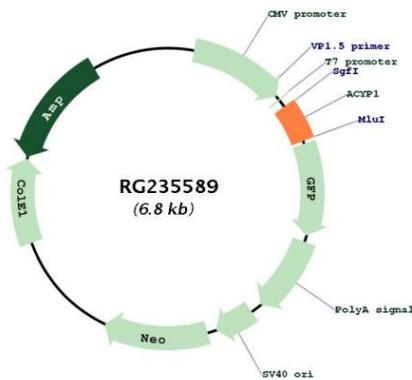
Restriction Sites: Sgfl-Mlul



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Gene Summary:

This gene is a member of the acylphosphatase family. The encoded protein is a small cytosolic enzyme that catalyzes the hydrolysis of the carboxyl-phosphate bond of acylphosphates. Two isoenzymes have been isolated and described based on their tissue localization: erythrocyte (common) type acylphosphatase encoded by this gene, and muscle type acylphosphatase. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014]

Product images:


Circular map for RG235589