

Product datasheet for **RC234842A1V**

Human Bile salt activated lipase (CEL) (NM_001807) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Bile salt activated lipase (CEL) (NM_001807) AAV Particle
Tag:	Myc-DDK
Symbol:	CEL
Synonyms:	BAL; BSDL; BSSL; CEase; CELL; FAP; FAPP; LIPA; MODY8
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC234842 representing NM_001807
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTCACCATGGGGCGCCTGCAACTGGTTGTGTTGGGCCTCACCTGCTGCTGGGCAGTGGCGAGTGCCG
 CGAAGCTGGGCGCCGTGTACACAGAAGGTGGGTTGCTGGAAGGCGTCAATAAGAAAGCTCGGCCTCCTGGG
 TGAATCTGTGGACATCTTCAAGGCATCCCCTTCGACGCTCCCAAGGCCCTGAAAAATCCTCAGCCA
 CATCCTGGCTGGCAAGGACCTGAAGGCCAAGAACTTCAAGAAGAGATGCCTGCAGGCCACCATCACCC
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 AACTTCTCAACAACCTGTATGACGGCGAGGAGATCGCCACACGCGAAACGTCATCGTGGTCACT
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 CCCATCCAGGAGAAATAAGAAGAAGACTGTGGTGGACTTTGAGACCGATGTCCTTCTTGGTGCCCAACC
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 CCTCTCGGATGCCGCTTACCCCAAATGGGTGGGGCCGACCATGCAGATGACATTCACTACGTTTTCGG
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 GAGAACCAACTTCTGCGCTACTGGACCCTCACCTATCTGGCGCTGCCACAGTGACCGACAGGAGGCC
 ACCCTGTGCCCCCACAGGGGACTCCGAGGCCACTCCGTCGCCCCACGGGTGACTCCGAGACCGCCC
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 GCCGCCACGGGTGACTCCGGGGCCCCCCCCGTCGCGCCACGGGTGACTCCGGGGCCCCCCCCCGTGCCG
 CCCACGGGTGACTCCGGGGCCCCCCCCGTCGCGCCACGGGTGACTCCGGGGCCCCCCCCCGTGCCGCCA
 CGGGTACTCCGGGGCCCCCCCCGTCGCGCCACGGGTGACTCCGGGGCCCCCCCCCGTGCCGCCACGGG
 TGACGCCGGGGCCCCCCCCGTCGCGCCACGGGTGACTCCGGGGCCCCCCCCCGTGCCGCCACGGGTGAC
 TCCGGGGCCCCCCCCGTAACCCACGGGTGACTCCGAGACCGCCCCGTCGCGCCACGGGTGACTCCG
 GGGCCCCCGTGCCCCCACGGGTGACTCTGAGGCTGCCCTGTGCCCCCACAGATGACTCCAAGGA
 AGCTCAGATGCCTGCAGTCATTAGTTT

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:	>RC234842 representing NM_001807 Red=Cloning site Green=Tags(s) MLTMGRLQLVVLGLTCCWAVASAAKLGAVYTEGGFVEGVNKKLGLLGDSVDIFKGIFFAAPT KALENPQP HPGWQGT LKAKNFKKRLQATITQDSTYGDDECLYLNIWVPQGRKQVSRDLPVMIWIYGGAF LMGS GHGA NFLNNYLYDGEEIATRGNVIVVTFNRYVGPLGFLSTGDANLPGNYGLRDQHMAIAWVKRNI AAFGGDPNN ITLFGESAGGASVSLQTLSPYNKGLIRRAISQSGVALSPWVIQKNPLFWAKKVAEKVGCPVGDAAARMAQC LKVTDPRALT LAYKVPLAGLEY PMLHYVGFVPVIDGDFIPADPINLYANAADIDYIAGTNNMDGHIFASI DMPAINKGNKKVTEEDFYKL VSEFTITKGLRGAKTTFDVYTESWAQDPSQENKKKT VVDFETDVLFLVPT EIALAQHRANAKSAKTYAYLFSHP SRMPVYPKWVGADHADDI QYVFGKPFATPTGYRPQDRTVSKAMIA Y WTNFAKTGDPNMGDSAPVTHWEPYTTENSGYLEITKKMGSSSMKRSLRTNFLRYWTLTYLALPTVTDQEA TPVPPTGDSEATPVPTGDSEATPVPTGD SGAPPVPPTGD SGAPPVPPTGD SGAPPVPPTGD SGAPPVP PTGD SGAPPVPPTGD SGAPPVPPTGD SGAPPVPPTGD SGAPPVPPTGD AGPPPVPPTGD SGAPPVPPTGD SGAPPVPTPTGDSEATPVPTGD SGAPPVPPTGDSEAPVPPTD DSKEAQM PAVIRF TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001807
ORF Size:	2268 bp
Buffer:	PBS with 0.001% Pluronic F10579
Stability:	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
RefSeq:	<u>NM_001807.4, NP_001798.2</u>
RefSeq Size:	2386 bp
RefSeq ORF:	2262 bp
Locus ID:	1056
Cytogenetics:	9q34.13
MW:	80.1 kDa