

Product datasheet for **RC207617A1V**

Human Leukotriene A4 hydrolase (LTA4H) (NM_000895) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Leukotriene A4 hydrolase (LTA4H) (NM_000895) AAV Particle
Tag:	Myc-DDK
Symbol:	LTA4H
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207617 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCCCGAGATAGTGGATACCTGTTGCTTGGCCTCTCCGGCTTCCGTCTGCCGGACCAAGCACCTGCACC
 TGCCTGCAGCGTCGACTTTACTCGCCGACGCTGACCGGGACTGCTGCTCTCACGGTCCAGTCTCAGGA
 GGACAATCTGCGCAGCCTGGTTTTGGATACAAAGGACCTTACAATAGAAAAAGTAGTGATCAATGGACAA
 GAAGTCAAATATGCTCTTGGAGAAAGACAAAGTTACAAGGGATCGCCAATGGAATCTCTCTTCTATCG
 CTTTGAGCAAAAATCAAGAAATTGTTATAGAAATTTCTTTGAGACCTCTCCAAAATCTTCTGCTCTCCA
 GTGGCTCACTCTGAACAGACTTCTGGGAAGGAACACCCATATCTCTTAGTCAGTGCCAGGCCATCCAC
 TGCAGAGCAATCCTTCTTGTGAGGACACTCTTCTGTGAAATTAACCTATACTGCAGAGGTGTCTGTCC
 CTAAGAAGTGGTGGCACTTATGAGTGCTATTCGTGATGGAGAAACACCTGACCCAGAAGACCCAAGCAG
 GAAAATATACAAATTCATCCAAAAGTTCCAATACCCTGCTACCTGATTGCTTTAGTTGTTGGAGCTTTA
 GAAAGCAGGCAAATTTGGCCCAAGAACTTTGGTGTGGTCTGAGAAAGAGCAGGTGGAAAAGTCTGCTTATG
 AGTTTTCTGAGACTGAATCTATGCTTAAATAGCAGAAGATCTGGGAGGACCGTATGTATGGGGACAGTA
 TGACCTATTGGTCTGCCACCATCCTTCCCTTATGGTGGCATGGAGAATCCTTGCCTTACTTTTGAACCT
 CCTACTCTACTGGCAGGCGACAAGTCACTCTCCAATGTCATTGCACATGAAATATCTCATAGCTGGACAG
 GGAATCTAGTGACCAACAAAACCTTTGGGATCACTTTTGGTTAAATGAGGGACATACTGTGACTTGGAAACG
 CCACATTTGCGGACGATTGTTTGGTGAAAAGTTTCAAGACATTTTAAATGCTCTGGGAGGATGGGGAGAACTA
 CAGAATTCGGTAAAGACATTTGGGGAGACACATCCTTTACCAAACTTGTGGTTGATCTGACAGATATAG
 ACCCTGATGATGCTTATCTTCAGTTCCTATGAGAAGGGCTTTGCTTTACTTTTTACCTTGAACAACCT
 GCTTGGAGGACAGAGATTTTCTAGGATCTTAAAGCTTATGTTGAGAAGTTTTCTATAAGAGCATA
 ACTACTGATGACTGGAAGGATTTCTGTATTCCTATTTTAAAGATAAGGTTGATGTTCTCAATCAAGTTG
 ATTGGAATGCCTGGCTCTACTCTCCTGGACTGCCTCCCATAAAGCCCAATTATGATATGACTCTGACAAA
 TGCTTGTATTGCCTTAAGTCAAAGATGGATTACTGCCAAAGAAGATGATTTAAATTCATTCAATGCCACA
 GACCTGAAGGATCTCTCTCTCATCAATTGAATGAGTTTTAGCACAGACGCTCCAGAGGGCACCTCTTC
 CATTGGGGCACATAAAGCGAATGCAAGAGGTGTACAACCTCAATGCCATTAACAATCTGAAATACGATT
 CAGATGGCTGCGGCTCTGCATTCAATCCAAGTGGGAGGACGCAATTCCTTGGCGCTAAAGATGGCAACT
 GAACAAGGAAGATGAAGTTTACCCGGCCCTTATTCAAGGATCTTGCTGCCTTTGACAAATCCCATGATC
 AAGCTGTCCGAACCTACCAAGAGCACAAGCAAGCATGCATCCCGTGACTGCAATGCTGGTGGGGAAGA
 CTTAAAGTGGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207617 protein sequence
 Red=Cloning site Green=Tags(s)

MPEIVDTCSLASPASVCRKHLHLRCSVDFTRRTLTGTAALTQVSQEDNLRSLVLDTKDLTIEKVINGQ
 EVKYALGERQSYKGSPMEISLPIALSKNQEIVIEISFETSPKSSALQWLTPEQTSGEHPYLFSSQCAIH
 CRAILPCQDTPSVKLTYAEVSVPELVALMSAIRDGETPDPEPSRKIYKFIQKVPICPYLIALVVGAL
 ESRQIGPRTLWSEKEQVEKSAYEFSETESMLKIAEDLGGPYVWGQYDLLVLPSPFPYGGMENPCLTFVT
 PTLLAGDKSLSNVIAHEISHSWTGNLVTNKTWDHFWLNEGHTVYLERHICGRLFGEKFRHFNALGGWEL
 QNSVKTFGETHPFTKLVDLTDIDPDVAYSSVPYEKGFALLFYLEQLLGGPEIFLGFLKAYVEKFSYKSI
 TTDDWKDFLYSYFKDKVDVNLQVDWNAWLYSPGLPPIKPNYDMTLTNACIALSQRWITAKEDDLNSFNAT
 DLKDLSSHQLNEFLAQLQRAPLPLGHIKRMQEVYFNAINNSEIRFRWLRLCIQSKWEDAIPALKMAT
 EQGRMKFTRPLFKDLAAFDKSHDQAVRTYQEHKASMPVPTAMLVGKDLKVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:	Human
Serotype:	AAV-2
ACCN:	NM_000895
ORF Size:	1833 bp
Buffer:	PBS with 0.001% Pluronic F6103
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_000895.1</u>
RefSeq Size:	2214 bp
RefSeq ORF:	1836 bp
Locus ID:	4048
UniProt ID:	<u>P09960</u>
Cytogenetics:	12q23.1
MW:	69.3 kDa