

Product datasheet for **RC207610A1V**

Human PLOD2 (NM_182943) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PLOD2 (NM_182943) AAV Particle
Tag:	Myc-DDK
Symbol:	PLOD2
Synonyms:	BRKS2; LH2; TLH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC207610 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

ATGGGGGGATGCACGGTGAAGCCTCAGCTGCTGCTCCTGGCGCTCGTCTCCACCCCTGGAATCCCTGTC
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GATATCCACATGAAGCAAGTTGATCTGGAGAATGTATGGCTTCATTTTATCCGGGAGTTCATTGCACCAG
TTACACTGAAGGTCTTTGCAGGCTATTATACGAAGGGATTTGCACTACTGAATTTTGTAGTAAATACTC
CCCTGAACGACAGCGTTCTCTTCGTCTCATCATGATGCTTCTACATTTACCATAAACATTGCACTTAAT
AACGTGGGAGAAGACTTTCAGGGAGGTGGTTGCAATTTCTAAGGTACAATTGCTCTATTGAGTCACCAC
GAAAAGGCTGGAGCTTCATGCATCCTGGGAGACTCACACATTTGCATGAAGGACTTCTGTAAAAATGG
AACAAGATACATTGCAGTGTCAATTTATAGATCCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC207610 protein sequence Red=Cloning site Green=Tags(s) MGGCTVKPQLLLLALVLPWNPCLGADSEKPSIPTDKLLVITVATKESDGFHRFMQSAKYFNVTVKVLG QGEWRGGDGINSIGGGQKVRMLKEVMEHYADQDDLVMFTECFDVI FAGGP EEV LKKFQKANH KVVFAA DGI LWPDKRLADKYPV V HIGKRYLNSGGF IGYAPYVNRIVQQWNLQDND DQLFYTKVYIDPLKREAINI TLDHKCKIFQTLNGAVDEVVLKFENGKARAKNTFYETLPVAINGNGPTKILLNYFGNYVPNSWTQDNGCT LCEFDTVDL SAVDVHPNVSIGVFIEQPTPFLPRFLDILLTLDYPKEALKLFIHNKEVYHEKDIKVFFDKA KHEIKTIKIVGPEENLSQAEARNMGMDFCRQDEKCDYFVSVDADVLTNPRTLKILIEQNRKIIAPLVTR HGKLSNFWGALSPDGY YARSEDYVDIVQGNRVGVWNPYMANVYLK GKTLRSEMNERNYFVRDKLDPD MALCRNAREMTLQREKDSPTPETFQMLSPPKGVFMYISNRHEFGRLSTANYNTSHYNNDLWQIFENPVD WKEYINRDYSKIFTENIVEQPCPDVWFPIFSEKACDELVEEMHYGKWSGGKHHSRISGGYENVPTD DIHMKQVDLENVWLHFIREFIAPVTLKVFAGYYTKGFALLNFVKYSPERQSLRPHHDASTFTINIALN NVGEDFQGGGCKFLRYNCSIESPRKGWSFMHPGRLTHLHEGLPVKNGTRYIAVSFIDP TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_182943
ORF Size:	2274 bp
Buffer:	PBS with 0.001% Pluronic F6101
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:	NM_182943.2
RefSeq Size:	4072 bp
RefSeq ORF:	2277 bp
Locus ID:	5352
UniProt ID:	O00469
Cytogenetics:	3q24
MW:	87.1 kDa