

Product datasheet for **RC210929A1V**

Human PHACTR1 (NM_030948) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human PHACTR1 (NM_030948) AAV Particle
Tag:	Myc-DDK
Symbol:	PHACTR1
Synonyms:	DEE70; dj257A7.2; EIEE70; RPEL; RPEL1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC210929 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGATTATCCCAAATGGATTATTTCTGGATGTAGAGTCTGCTCACAGACTCTTGATGTTGAGTCAG
 CTCAAAGATTCTTCTACAGTCAAGGAGCTCAAGCTCGCCGGGCGACCCTGCTCCTGCCTCCACATTAAT
 GGCGGCATCCTCGGAGGATGATATAGACCGCGGCCATCCGGAGAGTGCCTCCAAGAGCGACACGCCG
 TACCTCGCAGAGGCCAGGATCTCCTTTAACCTGGGGCAGCTGAGGAAGTGGAGAGGCTGGCGGCGATGC
 GTTCTGACTCCCTCGTCCAGGCACCCACACCCACCCATCCGCAGGAGAAGTAAGTTTGCCAACTGGG
 AAGGATTTTCAAGCCTTGAAATGGAGGAAGAAGAAAAGCGAAAAGTTCAAACACACGTCAGCAGCCCTG
 GAAAGGAAAATATCTATGAGGCAAAGCAGAGAAGAGCTGATAAAGCGAGGAGTCTGAAGGAAATCTATG
 ATAAAGATGGGAACTCTCTATATCCAATGAAGAGGACTCCCTAGAAAATGGGCAGTCCCTGAGCTCCAG
 CCAGCTGTCTCTGCCTGCCCTGTCCGAAATGGAGCCAGTCCCAATGCCAGGGATCCCTGCTCATATGAG
 GTGCTCCAACCGTCAGACATCATGGATGGGCCAGATCCTGGCGCCCTGTGAAATTGCCTTGTCTGCCAG
 TGAAACTGTGCCTCCGCTACCTCCAAAGAAAGTCATGATCTGTATGCCCGTGGGGGGGCCAGACCTCTC
 ACTGGTGTCTACACAGCCCAGAAGAGTGGCCAGCAGGGTGTGGCCAGCACCACCACACTGTCTGCC
 TCCAGATCCAGCACCAGCTGCAGTACGGCAGCCACGGCCAGCACCTCCCTCCACCACCGGCTCCCTCC
 CCATGCACCCCTCGGGCTGCAGAATGATAGACGAGCTCAACAAAACGCTGGCCATGACCATGCAGAGGCT
 GGAAAGCTCTGAGCAGCGGGTCCCCTGTTCCACTTCTTACCACAGCTCTGGGTTGCACTCGGGTGATGGG
 GTCACCAAAGCAGGACCTATGGGCCTTCCAGAAATAAGACAAGTGCCAACTGTTGTGATTGAATGTGATG
 ACAATAAAGAAAATGTGCCTCATGAGTCAGACTACGAAGACTCTTCTTGCTGTATACAAGAGAAGAGGA
 GGAAGAGGAGGAGGACGAAGACGACGACAGCTCATTATACACCAGCTCCCTGGCCATGAAGGTCTGCAGG
 AAGGACTCCTTAGCCATCAAACCTCAGCAACAGGCCCTCCAAGCGAGAGCTGGAAGAAAAGAACATCCTTC
 CCAGGCAGACGGATGAGGAGCGGCTGGAGCTGAGGCAACAGATTGGCACCAAGCTCACCAGGCGGCTGAG
 CCAGAGGCCAACTGCAGAGGAACTGGAACAGAGGAACATTTTGAACCTCGGAATGAACAAGAGGAACAG
 GAGGAGAAGAGAGAGATCAAGAGGAGGCTAACCCGAAAGCTCAGTCAAAGGCCACGGTGAAGAGCTTC
 GGGAAAGAAAGATCCTCATCCGTTTCACTGACTACGTGGAGGTGGCTGACGCTCAGGACTATGACCGCAG
 GGCAGATAAGCCGTGGACCCGCCTCACCCTGCAGACAAAGCTGCCATCCGAAAGGAGCTCAATGAATTC
 AAAAGCACTGAGATGGAAGTTCATGAATTGAGTAGACACTTAACAAGTTTACCGACCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC210929 protein sequence
 Red=Cloning site Green=Tags(s)

MDYPKMDYFLDVESAHRLLDVESAQRFFYSQGAQARRATLLLPTLMAASSEDIDRRPIRRVRSKSDTP
 YLAEARISFNLGAAEEVERLAAMRSDSLVPGTHPPIRRRSKFANLGRIFKPWKWRKKKSEKFKHTSAAL
 ERKISMRSQREELIKRGVLKEIYDKDGELISNEEDSLENGQSLSSQLSLPALSEMEPVPMPRDPSCSYE
 VLQPSDIMGDPDPGAPVKLPCLPVKLSPLPPKKVMICMPVGGPDLVLSYTAQKSGQQGVAQHHTVLP
 SGIQHQLQYGSQGHLSTTGSPLMHPSGCRMIDELNKTAMTMQRLESSEQRVPCSTSYHSSGLHSGDG
 VTKAGPMGLPEIRQVPTVVIECDNKENVPHESEDYEDSSCLYTREEEEEDEDDSSLYTSSLAMKVCR
 KDSLAIKLSNRPSKRELEENILPRQTDEERLELRQQIGTKLTRRLSQRPTAEELQNRNLIKPRNEQEEQ
 EEKREIKRRLTRKLSQRPTVEELRERKILIRFSDYVEVADAQDYDRRADKPWTRLTAADKAAIRKELNEF
 KSTEMEVHELNRHLTRFHRP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:	NM_030948
ORF Size:	1740 bp
Buffer:	PBS with 0.001% Pluronic F6637
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_030948.1</u>
RefSeq Size:	2896 bp
RefSeq ORF:	1743 bp
Locus ID:	221692
UniProt ID:	<u>Q9C0D0</u>
Cytogenetics:	6p24.1
MW:	66.3 kDa