

Product datasheet for **RC205940A1V**

Human ERp57 (PDIA3) (NM_005313) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ERp57 (PDIA3) (NM_005313) AAV Particle
Tag:	Myc-DDK
Symbol:	ERp57
Synonyms:	ER60; ERp57; ERp60; ERp61; GRP57; GRP58; HEL-S-93n; HEL-S-269; HsT17083; P58; PI-PLC
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC205940 representing NM_005313
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCGCCTCCGCCGCTAGCGCTGTTCCCGGGTGTGGCGCTGCTTCTTCCCGCGGCCCGCCTCGCCGCTG
 CCTCCGACGTGCTAGAACTCACGGACGACAACCTTCGAGAGTCGATCTCCGACACGGGCTCTGCGGCCT
 CATGCTCGTCGAGTTCCTCGCTCCCTGGTGTGGACACTGCAAGAGACTTGACACCTGAGTATGAAGCTGCA
 GCTACCAGATTAAGGAATAGTCCCATTAGCAAAGGTTGATTGCACTGCCAACACTAACACCTGTAATA
 AATATGGAGTCAGTGGATATCAACCTGAAGATTTAGAGATGGTGAAGAAGCAGGTGCTTATGATGG
 ACCTAGGACTGCTGATGGAATTGTGAGCACTTGAAGAAGCAGGACGAGCTTCAGTGCCTCTCAGG
 ACTGAGGAAGAATTAAGAAATTCATTAGTATAAAGATGCCTCTATAGTAGGTTTTTCGATGATTCAT
 TCAGTGAGGCTCACTCCGAGTTCCTAAAAGCAGCCAGCAACTTGAGGGATAACTACCGATTTCACATAC
 GAATGTTGAGTCTCTGGTGAACGAGTATGATGATAATGGAGAGGTATCATCTTATTTTCGCTCTCACAT
 CTCCTAAACAAGTTTGAAGACAAGACTGTGGCATATACAGAGCAAAAAATGACCAAGTGGCAAAATTAATA
 AGTTTATCCAGAAAAACATTTTGGTATCTGCCCTCACATGACAGAAGACAATAAAGATTGATACAGGG
 CAAGGACTTACTTATTGCTTACTATGATGTGGACTATGAAAAGACGCTAAAGGTTCCAACACTGAGAGA
 AACAGGTAATGATGGTGGCAAGAAATTCCTGGATGCTGGGCACAACTCAACTTTGCTGTAGCTAGCC
 GCAAAACCTTTAGCCATGAACCTTTGATTTTGGCTTGGAGAGCACTGCTGGAGAGATTCTGTTGTTGC
 TATCAGAACTGCTAAAGGAGAGAAGTTTGTATGCAGGAGGAGTCTCGCGTATGGGAAGGCTCTGGAG
 AGGTTCTGCAGGATTACTTTGATGGCAATCTGAAGAGATACCTGAAGTCTGAACCTATCCAGAGAGCA
 ATGATGGGCTGTGAAGGTAGTGGTAGCAGAGAATTTTGTGAAATAGTGAATAATGAAAATAAAGATGT
 GCTGATTGAATTTATGCCCTTGGTGTGGTCAATTGTAAGAACCTGGAGCCCAAGTATAAAGAAGCTTGGC
 GAGAAGCTCAGCAAGACCCAAATATCGTCATAGCCAAGATGGATGCCACAGCCAATGATGTGCCTTCTC
 CATATGAAGTCAGAGGTTTTCTACCATATACTTCTCTCCAGCCAACAAGAAGCTAAATCCAAAGAAATA
 TGAAGGTGGCGTGAATTAAGTATTTATTAGCTATCTACAAAGAGAAGCTACAAACCCCTGTAATT
 CAAGAAGAAAAACCAAGAAGAAGAAGGCACAGGAGGATCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205940 representing NM_005313
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MRLRLALFPGVALLAAARLAAASDVLELTDDNFESRISDTGSAGLMLVEFFAPWCGHCKRLAPEYEEA
 ATRLKGIVPLAKVDCTANTNTCNKYGVSGYPTLKIFRDGEEAGAYDGPRTADGIVSHLKKQAGPASVPLR
 TEEEFKKFISDKDASIVGFFDDSFSEAHSEFLKAASNLRDNYRFAHTNVESSLVNEYDDNGEGIIILFRPSH
 LTNKFEDKTVAYTEQKMTSGKIKKFIQENIFGICPHMTEDNKDLIQGKDLLIAYYDVVDYEKNAKGSNYWR
 NRVMMVAKKFLDAGHKLNFVAVSRKTFSELSDFGLESTAGEIPVVAIRTAKEKFVMQEEF SRDGKALE
 RFLQDYFDGNLKRYLKSEPIPESSNDGPVKVVVAENFDEIVNENKDVLEFYAPWCGHCKNLPEPKYKELG
 EKLSKDPNIVIAKMDATANDVSPYEVGRFPTIYFSPANKKLNPKKYEGGRELSDFISYLQREATNPPVI
 QEEKPKKKKKAQEDL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_005313

ORF Size:

1515 bp

Buffer:	PBS with 0.001% Pluronic F68
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_005313.4</u>
RefSeq Size:	3060 bp
RefSeq ORF:	1518 bp
Locus ID:	2923
UniProt ID:	<u>P30101</u>
Cytogenetics:	15q15.3
MW:	56.78 kDa