

Product datasheet for **RC211494A1V**

Human ENGASE (NM_001042573) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human ENGASE (NM_001042573) AAV Particle
Tag:	Myc-DDK
Symbol:	ENGASE
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide
Sequence:

>RC211494 representing NM_001042573
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGCCGCGCGGTGACGGTCACCCGGTCGGCTACACGGCGCGCGCGCGGAGCTGCAGGGGCTGG
CGGCCCCGGAGGCGGGGACGCAGGAGGAGCAGGAGGATCAGGAGCCGCGGCCGCGCGCGCGCGCGG
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TCTGAGCAGCCAGAGGCCCGGACTTTGTTGTGCATGACATGATGGCGGGTACCTGGATGACAGGTTT
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CGCTCGTACCAGGCAGTGGTGAACGGCTGGTCCAGATCACTCAGTTTTTTCGTTTTGATGGCTGGCTGA
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CCATCCGCTCTGAGCGGGAGGGGCCCCCTGCTCTGCTCCAGCTCAGCTGCACCTGCACTGGTCTCTCC
TCCTCTCAAGTCCGTTGCTTCCGAATCCACTGCTGGGAGGGATGAGTGATGACTCTCCGGGCAGGGA
GCTGCCGAGGCCAGAGATGCCCATGTTCTGGGTTGGCTTTTGCCACCCAGTACCGGATAGTGGACCTG
CTGGTGAAGCCGCGGGCCCGCCAGGATCGTCGCATGGAATTTCTGGTGGAGCCTGTCCCAAGGAAG
GGTCCGGGTACCTCAGGCCGAGTGGGCGAGGCGAGTTCTGCTTTATTCAGCCCTGCA

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC211494 representing NM_001042573 Red=Cloning site Green=Tags(s) MEAAAVTVTRSATRRRRRQLQGLAAPEAGTQEEQEDQEPRRRRRPGRSIKDEEEETVFREVVSFSPDPL PVRYDYDKDTTKPIFSYLSSLEELLAWKPRLEDGFNVALEPLACRQPPLSSQRPRTLLCHDMMGGYLDDRF IQGSVVQTPYAFYHWQCIDVFVYFSHHTVTIPPVGWNTAHRHGVCVLGTFITEWNEGGRLCEAFLAGDE RSYQAVADRLVQITQFFRFDGWLINIENSLSLAAVGNMPPFLRYLTTLHRQVPGLVLWYDSVVQSGQL KWQDELNQHNRFVFDSCDGGFTNYNWREEHLERMLGQAGERRADYVGVDFARGNVVGGRFDTDKSLEL IRKHGFSVALFAPGWVYECLEKKDFFQNDKFWGRLERYLPTHSICSLPFVTSFCLGMGARRVCYGQEEA VGPWYHLSAQEIQPLFGEHRLGGDGRGWVRTHCCLEDAWHGGSSLLVRGVIPPEVGNVAVRLFSLQAPVP PKIYLSMVYKLEGPTDVTVALELTG DAGSCHIGGISVLNAETSSRHSRLRPLRVPPTKLARWVGRCGRQL SGGWVQHCEYVSLRGCLLLDLLVCFSRPPGSREEESFTCRLGEIQVDAASLLAPLPQVQAVTISHIRWQ PSASEREGPPALLQLSCTLHWSFLLSQVRCFRIHCWGGMSDDSPGRELPRPEMPMFLGLAFATQYRIVDL LVEAAGPGQDRRMEFLVEPVKEGFRVPQAEWGRAVLLYSAPA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_001042573
ORF Size:	2229 bp
Buffer:	PBS with 0.001% Pluronic F6728
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_001042573.1</u>
RefSeq Size:	4490 bp
RefSeq ORF:	2232 bp
Locus ID:	64772
UniProt ID:	<u>Q8NFI3</u>
Cytogenetics:	17q25.3
MW:	83.8 kDa