

Product datasheet for **RC208200A1V**

Human Calpain 7 (CAPN7) (NM_014296) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Calpain 7 (CAPN7) (NM_014296) AAV Particle
Tag:	Myc-DDK
Symbol:	CAPN7
Synonyms:	CALPAIN7; PALBH
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC208200 ORF sequence

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

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACGCCACAGCACTGGAGCGGGACGCTGTGCAGTTCGCCCCGTCTGGCGGTTAGCGCGACCACGAAG
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AAGGACCTTTTTTCTTGACTTTAATAGTATTATCCCATCAAGATCACACAACCTTACG

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:	>RC208200 protein sequence Red=Cloning site Green=Tags(s) MDATALERDAVQFARLAVQRDHEGRYSEAVFYKAAQALIYAEMAGSSLENIQEKITEYLERVQALHSA VQSKSADPLKSKHQLDLERAHFLVTQAFDEDEKENVEDAIELYEAVDLCLKTSYETADKVLQNKLKQLA RQALDRAEALGEPLTKPVGKISSTSVKPKPPPERAHFPLGANPFLEPQSFISPQSCDAQGQRYTAEIE VLRTTSKINGIEYVPMNVDLRERFAYPMPFCDRWGKLPLSPKQKTTFSKWVRPEDLTNNPTMIYTVSSF SIKQTIYSDCSFVASLAISAAYERRFNKKLITGIIYPQNKDGEPEYNPCGKYMVKLHLNGVPRKVIIDDQ LPVDHKGELLCSYNNKSELWVSLIEKAYMKVMGGYDFPGSNSNIDLHALTGWIPERIAMHSDSQTFSKD NSFRMLYQRFHKGDLITASTGMMTEAEGEKWGLVPTHAYAVLDIREFKGLRFIQLKNPWSHLRWKGRYS ENDVENWTPQLKYLNFDPRTAQKIDNGIFWISWDDLCQYYDVIYLSWNPGLFKESTCIHSTWDAKQGPV KDAYSLANNPQYKLEVQCPQGGAAVWLLSRHITDKDDFANNREFITMVVYKTDGKKVYYPADPPPYIDG IRINSPHYLTKIKLTPGTHTFTLVVSQYEKQNTIHYTVRVYSACSFTFSKIPSPYTLKSRINGKWSGQS AGGCGNFQETHKNPIYQFHIETGPLLIELRGPQYSVGFEVTVSTLGDGPBGHFLRKSSGDYRCGFC YLELENIPSGIFNIIPSTFLPKQEGPFLLDFNSIPIKITQLQ TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_014296
ORF Size:	2439 bp
Buffer:	PBS with 0.001% Pluronic F6223
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_014296.2
RefSeq Size:	4385 bp
RefSeq ORF:	2442 bp
Locus ID:	23473
UniProt ID:	Q9Y6W3
Cytogenetics:	3p25.1
MW:	92.7 kDa