

Product datasheet for **RC217688A1V**

Human SMPDL3B (NM_014474) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human SMPDL3B (NM_014474) AAV Particle
Tag:	Myc-DDK
Symbol:	SMPDL3B
Synonyms:	ASML3B
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC217688 representing NM_014474
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**

ATGAGGCTGCTCGCCTGGCTGATTTTCCTGGCTAACTGGGGAGGTGCCAGGGCTGAACAGGGAAGTTCT
 GGCACATCGCTGACCTGCACCTTGACCTGACTACAAGGTATCCAAAGACCCCTCCAGGTGTGCCCATC
 AGCTGGATCCCAGCCAGTGCCCGACGACGGCCCTGGGGTGAACCTCTGTGATTCTCCCTGGGCCCTC
 ATCAACTCCTCCATCTATGCCATGAAGGAGATTGAGCCAGAGCCAGACTTCATTCTCTGGACTGGTGATG
 ACACGCCTCATGTGCCGATGAGAACTGGGAGAGGCAGCTGTACTGGAATTGTGGAACGCCTGACCAA
 GCTCATCAGAGAGGTCTTCCAGATACTAAAGTCTATGCTGCTTTGGGAAATCATGATTTTCACCCAAA
 AACCAGTCCCAGCTGGAAGTAAACATCTACAATCAGATAGCAGAACTATGGAACCTCGCTTAGTA
 ATGAGTCCATCGCTCTTTCAAAAAGGTGCCTTCTACTGTGAGAAGCTGCCGGTCCCAGCGGGCTGG
 GCGAATTGTGGTCTCAACACCAATCTGTACTATACCAGCAATGCGCTGACAGCAGACATGGCGGACCCT
 GGCCAGCAGTTCAGTGGCTGGAAGATGTGCTGACCGATGCATCCAAAGCTGGGGACATGGTGTACATTG
 TCGGCCACGTGCCCCGGGGTCTTTGAGAAGACGCAAAACAAGGCATGGTTCGGGAGGGCTTCAATGA
 AAAATACCTGAAGGTGGTCCGGAAGCATCATCGCTCATAGCAGGGCAGTTCTTCGGGACACCACACACC
 GACAGCTTTCGGATGCTCTATGATGATGAGGTGTCCCATAGCGCCATGTTTCATCACACCTGGAGTCA
 CCCCATGGAAACACATTACCTGGAGTGGTCAATGGGGCCAACAATCCAGCCATCCGGGTGTTGGAATA
 TGACCGAGCCACACTGAGCCTGAAGGACATGGTGACCTACTTCATGAACCTGAGCCAGGCGAATGCTCAG
 GGGACGCCGCGCTGGGAGCTCGAGTACCAGTGAACGAGGCTATGGGGTCCGGACGCCAGCGCCCACT
 CCATGCACACAGTGTGGACCGCATCGCTGGCGACAGCAGCACTGCAGCGCTACTACGTCTATAACTC
 AGTCAGCTACTCTGCTGGGGTCTGCGACGAGGCTGCAGCATGCAGCACGTGTGTGCCATGCGCCAGGTG
 GACATTGACGCTTACACCACTGTCTGTATGCCTCTGGCACCACGCCGTGCCAGCTCCCGCTGCTGC
 TGATGGCCCTGCTGGGCTGTGCACGCTCGTGCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC217688 representing NM_014474
 Red=Cloning site Green=Tags(s)

MRLLAWLIFLANWGGARAEPGFWHIADLHLDPDYKVSQDPFQVCPSSAGSQPVDPAGPWGDYLCDSPLWAL
 INSSIIYAMKEIEPEPDFILWTGDDTPHPDEKLGEAAVLEIVERLTKLIREVFPDTKVYAALGNHDFHPK
 NQFPAGSNNIYNQIAELWKPWLSNESIALFKGAFYCEKLPGPSGAGRIVVLNTNLYYTSNALTADMADP
 GQQFQWLEDVLTADSKAGDMVYIVGHVPPGF FEKTQNKAWFREGFNEKYLKVVRRKHHRVIAGQFFGHHT
 DSFRMLYDDAGVPI SAMFITPGVTPWKTTLPVVNGANNPAIRVFEYDRATLSLKDMMVTYFMNLSQANAQ
 GTPRWELEYQLTEAYGVPDASAHSMTVLDRIGDQSTLQRYYYNSVSYSGAVCDEACSMQHVCAMRQV
 DIDAYTTCLYASGTTVPVQLPLLLMALLGLCTLVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_014474

ORF Size:

1365 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_014474.2</u>
RefSeq Size:	1890 bp
RefSeq ORF:	1368 bp
Locus ID:	27293
UniProt ID:	<u>Q92485</u>
Cytogenetics:	1p35.3
MW:	50.6 kDa