

Product datasheet for **MR208739**

Aspscr1 (NM_026877) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aspscr1 (NM_026877) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aspscr1
Synonyms:	1190006K01Rik; ASPC; ASPCR1; ASPL; ASPS; RCC17; TUG
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR208739 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCCGCGGGCGGGGGCTCCGCGGTGTCGGTGCTGGCCCCAACGGGCGGCCACACGG
 TGAAGGTGACCCGAGCACCGTCTGCTGACAGGTACTAGAAGACACATGCCGCGGCAAGACTTCAACCC
 CAGTGAATACGACCTGAAGTTTCAGAGGACGGTCTAGACCTCTCTCCAGTGGAGATTTGCCAACCTG
 CCTAACATGCCAAGCTGGAGATGGTGCCTGTGTCCCGTAGCCGCGAGGGGCTGAGAACATAGTTCGCA
 TCGCGTTCCAGCTGGATGACGGCTCCAGGTTGCAGGACGCTTTCTGTTCCCGACAGACTCTCTGGGAGCT
 TCTCAGCCATTTGCACAGACCAGGGAGCGTCTGCAGCAGCTGGGTGAGAAGACCCTGTCTGCGTGTAC
 ATGAGGAATGAGGTGACTGGTAGAGCTGCCTTACAGAACAACCCCTTCACTGACTGGCCCTGACAGGTG
 GTAGTGCCACCATCAGGTTTGTATAAAGCAGTGTGACACCGCCGCAACAGGAGTCCATAGCCGTCAG
 GAGCAAGGCCCGGAAGTCCGGTCTCCTCCTTGTGACCCGACAGGCATCCAGTAGCACATTGCTTCTCT
 CTGAACCTCTGGGAGTTCAGCAGGGGAGACCTAAACCATGAGGGTGTGCAAAACCTCAGGGACCGGCC
 TTGAGGGTGGCCCCAACCAACGGATGCTCAAACAAGCAAGCACCAGTGAGCCTGCATCGGCCCCCTT
 CGTTCCCTTCTCTGGGGGGGCCAGCGGCTGGGGGGCCGCTGCGTCTTGGAGCCTCTAACATCACCT
 TCGGCCAATTCATCCAAGTCTTCTCTGGCCCTGGGGGCCCTTCTAAGCCCAAGAAGCCAAAGCCTGGTG
 AGGAGCCCCAGCAGGAGCCTGAACCGCCGTTGACCGAGATCCTGTGGTGTACCACCCTGACCTAGAGGA
 CTTGCTACAGCCCTGGCCGCGAGAGTGCCTGACGAGTCTTTGAGGTGACTGTGGATGATGTGAGGAGA
 CGCTTGGCCAGCTCAAGAGTGAGCGGAAGCGTCTGGAAGAAGCCCCCTGGTGACCAAGGCTTTACGGG
 AGGCTCAGATGAAGGAGAACTGGAACGTTACCCAAAGTGGCTCTGCGGGTCTATTCCCTGACCGCTA
 CATCCTGCAGGGCTTCTCCGCCCCAGTGAGACAGTGGGGATCTTCGAGACTTTGTTAGGAGCCACCTG
 GGAACCCCGAGCTCTCCTTTTACCTATTCATCGCTCCACCCAAAATGGTCTGGATGACCACACGCTGA
 CTCTCTTTAGGCAAACTCTTCCCTGTGCGCTTGTGCACTTTGGAGCTGAAGAACCAACAGGTCTCTA
 TCTGGAACCTGGGCTGCTAGAACACACCGTCTCCCATCTACAGCTGATGTGCTGGTGGCCAGGTGATG
 TCCCGGGCTTCCGGTCCCACCTCTGCTGCCAGCCCTGACCCTGTATCCCTGGAGTCTGAGCCAAATCG
 CTGAGGATGGGCACTGGGGCCCCAGAGCCCATCCAAGGGACAGCCAGCCTGTGAAGAGAAGCCTGGG
 CAAAGTACCAAGTGGCTGAAGCTGCCAGCCAGCAAGAGG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR208739 protein sequence
 Red=Cloning site Green=Tags(s)

MAAPAGGGGSAVSVLAPNGRRHTVKVTPSTVLLQVLEDTCCRQDFNPSEYDLKFQRTVLDLSLQWRFANL
 PNNAKLEMVPSRSREGPENIVRIAFQLDDGSRLQDAFCSRQTLWELLSHFAQTRERLQQLGEKTPVCVY
 MRNEVTGRAALQNTTLQSLGLTGGSATIRFVIKQCDTAGKQESIIVRSKAPGSPVSSLADQASSSTLLP
 LNSGEFSRGLNHEGDANTSGTGLEGGPKPTDAQTKQSTSEPASAPFVPFSGGGQRLGGPSASLRPLTSP
 SANSSKFSGPGGSPKPKPKGEEPQQEPEPPVDRDPVYHPDLEDLLQPWPAEVPDEFEFTVDDVRR
 RLAQLKSERKRLLEEAPLVTKAFREAQMEKLEYPKVALRVLPDRYILQGFFRPSETVGDRLDFVRSHL
 GNPESLFLFIAPPKMLDDHTLTLFQANLFPAALVHFGAEPTGLYLEPGLLEHTVSPSTADVLRVCM
 SRASGSPPLLPAPDPVLSSEPIAEDGALGPPEIQGTAQPVKRSLGKVPKWLKLPASKR

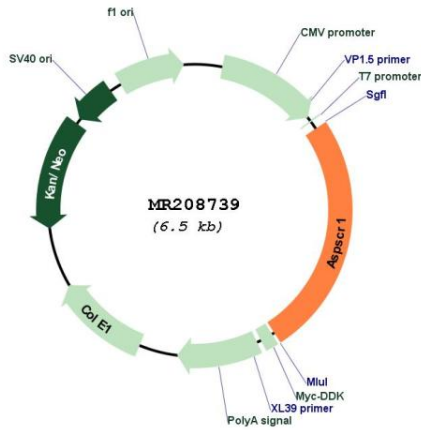
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cytogenetics: 11 E2
MW: 59.8 kDa
Gene Summary: Enhances VCP methylation catalyzed by VCPKMT (By similarity). Tethering protein that sequesters GLUT4-containing vesicles in the cytoplasm in the absence of insulin. Modulates the amount of GLUT4 that is available at the cell surface.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR208739