

Centre for AIDS Reagents

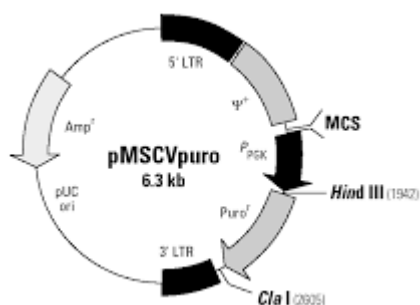
Data Sheet

PRODUCT NAME: MSCV (Puro)-HA-Flag-AU1-SAMHD1 VQ618AA

REPOSITORY REFERENCE: #100 093

DESCRIPTION: pMSCV(puro) plasmid expressing codon optimized mutant human SAMHD1 protein VQ618AA

VECTOR: MSCV(puro)



INSERT SEQUENCE: SAMHD1 VQ618AA cDNA

ATGCAGCGAGCAGACAGCGAGCAGCCATCTAAGAGACCCAGGTGTGACGATAGCCCCAGAACCCCAAGCAATACTCCAT
CAGCAGAGGCAGACTGGTCCCCAGGACTGGAGCTGCACCCAGATTACAAGACATGGGGACCTGAACAGGTGTGCTCTTT
TCTGCGGAGAGGCGGGTTCGAGGAACAGTCTGCTGAAAAACATTAGGGAGAATGAAATCACTGGCGCTCTGCTGCC
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CGCCTCCCAACCGCTTCGAGCATTCTCTGGGAGTGGGCTATCTGGCAGGATGCCTGGTCCATGCCTGGGAGAGAAGC
AGCCCGAAGTGCAGATTAGCGAGCGGGACGTGCTGTGCGTCCAGATCGCTGGACTGTGCCACGACCTGGGGCATGGACC
TTTCTCCACATGTTTGATGGCCGGTTCATCCCCCTGGCAAGACCTGAGGTGAAGTGGACCCATGAACAGGGCTCTGTCAT
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GCTTCATCAAGGAGCAGATCGTGGGCCCACTGGAGTCAACCGTCAAGATAGCCTGTGGCCCTACAAGGGGAGACCTGA
GAACAAGAGTTTTCTGTATGAAATCGTGAGCAACAAGCGGAATGGGATCGACGTGGATAAATGGGACTACTTTGCCAGA
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GATTACCAAGAATCAGGTGTCACAGCTGCTGCCCCGAGAAATTCGCGAACAGCTGATCCGAGTGTACTGCAAGAAAGTCG
ACCGAAAAGTCCCTGTACGCCGCTCGGCAGTATTTTGTGCAAGTGGTGTGACAGATAGAACTTCACCAAACCTCAGGACGGC
GATGTGATTGCCCTCTGATCACACCACAGAAGAAAGAGTGAACGATTCTACCAGTGTGCAGAATCCAACACGGCTGAG
AGAAGCATCCAAGTCAAGAGCCGCACTGTTCAAAGACGACCCAATGTAA

BACTERIAL HOST: DH5 α

PRESENTATION: 5 μ g (500ng/ μ L) in TE (10mM Tris, 1mM EDTA, pH8.0)

STORAGE: -20°C

REFERENCE: Ahn J, Hao C, Yan J, DeLucia M, Mehrens J, Wang C, Gronenborn AM, Skowronski J. 2012. HIV/simian immunodeficiency virus (SIV) accessory virulence factor Vpx loads the host cell restriction factor SAMHD1 onto the E3 ubiquitin ligase complex CRL4DCAF1. J Biol Chem. 287(15):12550-8. (PMID: 22362772)

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