

Centre for AIDS Reagents

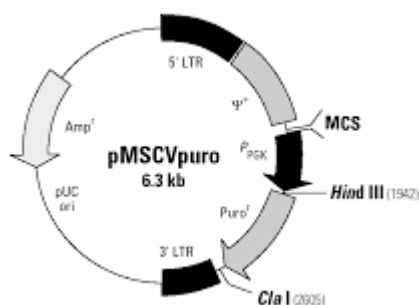
Data Sheet

PRODUCT NAME: MSCV (Puro)-HA-Flag-AU1-SAMHD1 T592A

REPOSITORY REFERENCE: #100 095

DESCRIPTION: pMSCV(puro) plasmid expressing codon optimized mutant human SAMHD1 protein T592A

VECTOR: MSCV(puro)



INSERT SEQUENCE: SAMHD1 T592A cDNA

ATGCAGCGAGCAGACAGCGAGCAGCCATCTAAGAGACCCAGGTGTGACGATAGCCCCAGAACCCCAAGCAATACTCCAT
CAGCAGAGGCAGACTGGTCCCCAGGACTGGAGCTGCACCCAGATTACAAGACATGGGGACCTGAACAGGTGTGCTCTTT
TCTGCGGAGAGGCGGGTTCGAGGAACAGTCTGCTGAAAAACATTAGGGAGAATGAAATCACTGGCGCTCTGCTGCC
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GGCTGGTGCAGATCCATGTCGACACTATGAAAGTGATCAACGATCCCATTCACGGACATATCGAGCTGCACCCTCTGCTG
GTCAGGATCATTGATACCCACAGTTCAGCGACTGCGGTACATCAAACAGCTGGGAGGCGGGTACTACGTGTTCCCTGG
CGCCTCCCAACCGCTTCGAGCATTCTCTGGGAGTGGGCTATCTGGCAGGATGCCTGGTCCATGCCCTGGGAGAGAAGC
AGCCCGAAGTGCAGATTAGCGAGCGGGACGTGCTGTGCGTCCAGATCGCTGGACTGTGCCACGACCTGGGGCATGGACC
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GCTTCATCAAGGAGCAGATCGTGGGCCCACTGGAGTCAACCGTCAAGATAGCCTGTGGCCCTACAAGGGGAGACCTGA
GAACAAGAGTTTTCTGTATGAAATCGTGAGCAACAAGCGGAATGGGATCGACGTGGATAAATGGGACTACTTTGCCAGA
GATTGTCACCATCTGGGCATCCAGAACAACCTCGACTACAAGAGGTTTCATCAAATTCGCCCGCTGTGCGAGGTCGATAA
CGAAGTGCATCTGTGCCCGGACAAGGAAGTGGGCAACCTGTACGATATGTTTCACACCAGAAATAGCCTGCATAGGC
GCGCCTATCAGCACAAGTGGGGAATATCATTGACACCATGATCACAGATGCTTTCCTGAAAGCAGACGATTACATCGAG
ATTACAGGCGCTGGGgAAAGAAATATAGGATTTCTACTGCTATCGACGATATGGAGGCATACACTAAGCTGACCGACAA
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GATTACCAAGAATCAGGTGTCACAGCTGCTGCCCCGAGAAATTCGCGAACAGCTGATCCGAGTGTACTGCAAGAAAGTCG
ACCGAAAGTCCCTGTACGCCGCTCGGCAGTATTTTGTGCAAGTGGTGTGACAGATAGAACTTCACCAACCTCAGGACGGC
GATGTGATTGCCCTCTGATCGCACCACAGAAGAAAGAGTGGAACGATTCTACCAAGTGTGACAGAAATCCAACACGGCTGAG
AGAAGCATCCAAGTCAAGAGTCCAGCTGTTCAAAGACGACCCAATGTAA

BACTERIAL HOST: DH5 α

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

STORAGE: -20 $^{\circ}$ 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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