

Product datasheet for **RC228065**

ABCB5 (NM_001163993) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ABCB5 (NM_001163993) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ABCB5
Synonyms: ABCB5alpha; ABCB5beta; EST422562
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC228065 representing NM_001163993
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGTGGATGAGAATGACATCAGAGCTTTAAATGTGCGGCATTATCGAGACCATATTGGAGTGGTTAGTC
AAGAGCCTGTTTTGTTCCGGACCACCATCAGTAACAATATCAAGTATGGACGAGATGATGTGACTGATGA
AGAGATGGAGAGAGCAGCAAGGGAAGCAAATGCGTATGATTTTATCATGGAGTTTCTAATAAATTTAAT
ACATTGGTAGGGGAAAAAGGAGCTCAAATGAGTGGAGGGCAGAAACAGAGGATCGCAATTGCTCGTGCCT
TAGTTCGAAACCCCAAGATTCTGATTTTAGATGAGGCTACGTCTGCCCTGGATTCAGAAAGCAAGTCAGC
TGTTCAAGCTGCACTGGAGAAGAAAAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228065 representing NM_001163993
Red=Cloning site Green=Tags(s)
MVDENDIRALNVRHYRDHIGVVSQEPVLFGTIISNNIKYGRDDVTDEEMERAAREANAYDFIMEFPNKFN
TLVGEKGAQMSSGQKQRIAIARALVRNPKILILDEATSALDSESKSAVQAALKKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2041_f01.zip

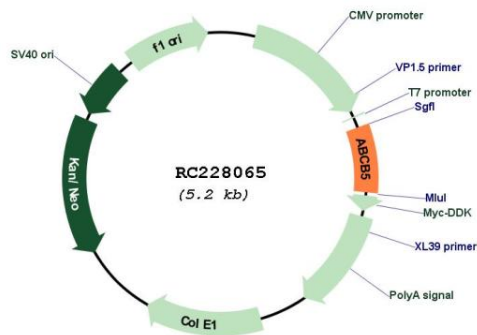
Restriction Sites: SgfI-MluI



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RefSeq: [NM_001163993.3](#)
RefSeq Size: 1724 bp
RefSeq ORF: 381 bp
Locus ID: 340273
UniProt ID: [Q2M3G0](#)
Cytogenetics: 7p21.1
Protein Families: Druggable Genome, Transmembrane
Protein Pathways: ABC transporters
MW: 14.5 kDa
Gene Summary: ABCB5 belongs to the ATP-binding cassette (ABC) transporter superfamily of integral membrane proteins. These proteins participate in ATP-dependent transmembrane transport of structurally diverse molecules ranging from small ions, sugars, and peptides to more complex organic molecules (Chen et al., 2005 [PubMed 15760339]).[supplied by OMIM, Mar 2008]

Product images:



Circular map for RC228065