

Product datasheet for **RC225917A1V**

Human TBXAS1 (NM_001130966) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TBXAS1 (NM_001130966) AAV Particle
Tag:	Myc-DDK
Symbol:	TBXAS1
Synonyms:	BDPLT14; CYP5; CYP5A1; GHOSAL; THAS; TS; TXAS; TXS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide
Sequence:**

>RC225917 ORF sequence

Red=Cloning site Blue=ORF Green=Tags(s)

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGC**

 ATGATGGAAGCCTTGGGGTTTCTAAAATTGGAAGTGAATGGCCCCATGGTGACGGTGGCCCTGTCACTGG
CTCTCTTGGCCCTCCTGAAATGGTACTCCACATCAGCATTCTCAAGACTGGAGAAGTTAGGCCTCAGACA
TCCCAAGCCTTCTCCTTTCATTGGAACTTGACATTTTCCGCCAGGGTTTTGGGAAAGCCAAATGGAG
CTCAGAAAGCTGTATGGACCTCTGTGTGGGTACTATCTTGGTCGTCGGATGTTTATTGTTATTTCTGAGC
CAGACATGATCAAGCAGGTGTTGGTTGAGAAGTTCAGTAACCTTACCAACAGAATGGCGTCGGGTTTGA
GTTCAAGTCGGTAGCCGACAGCGTTCTGTTTTACGTGACAAAAGATGGGAAGAGGTGAGAGGTGCCCTG
ATGCTGCTTTTCACTCCTGAAAAGCTGAACGAGATGGTCCCCTCATCAGCCAAGCCTGCGACCTTCTCC
TGGCTCATTTAAACGCTATGCGGAATCTGGGACGCATTTGACATCCAGAGGTGCTACTGCAATTACAC
CACAGATGTGGTTGCCAGCGTCGCTTTGGCACCCGGTGGACTCCTGGCAGGCCCTGAGGATCCCTTT
GTGAAACACTGCAAGCGTTTCTCGAATTCTGCATCCCCAGACCTATCCTGGTTTTACTCTTATCATTTT
CATCCATAATGGTCCCCTGGCCCGGATTTTGCCCAATAAGAACCAGACGAAGTGAATGGCTTTTTTAA
CAAACCTATTAGGAATGTGATTGCCTTGCGGGACCAAGCTGCCGAAGAGAGGCGGAGAGACTTCCTC
CAAATGGTCCTGGATGCCCGACATTCTGCAAGTCCCATGGGCGTGCAAGACTTTGACATCGTCAGAGACG
TTTTCTCTCTACTGGGTGCAAGCCGAACCTTCCCGGCAACACCAGCCAGCCCTATGGCCAGGCCTTT
GACTGTGGATGAGATTGTGGGCCAGGCCTTCATCTTCTCATCGCTGGCTATGAAATCATCACCAACACA
CTTTCTTTTGGCACCTACCTACTGGCCACCAACCCTGACTGCCAAGAGAAGCTTCTGAGAGAGGTAGACG
TTTTTAAGGAGAAACACATGGCCCTGAGTTCTGCAGCCTCGAGGAAGGCCTGCCCTATCTGGACATGGT
GATTGCAGAGACGCTGAGGATGTACCCGCCAGCTTTCAGATTTCACACGGGAGGCAGCTCAGGACTGCGAG
GTGCTGGGGCAGCGCATCCCCGAGGCCTGTGCTAGAGATGGCCGTGGGTGCCCTGCACCATGACCCTG
AGCACTGGCCAAAGCCCGAGACCTTCAACCCTGAAAGGTTACGGCTGAGGCCCGGCAGCAGCACCAGGCC
CTTCACGTACCTGCCCTTCGGGGCCGGCCACGGAGCTGCCTCGGGGTGCGTCTAGGGCTGCTTGAAGTC
AAGTTGACACTGCTCCACGTGCTGCACAAGTCCGGTTCCAAGCCTGCCCTGAGACCCAGGTACCGCTGC
AGCTAGAATCCAAATCTGCCCTAGGTCCAAAAATGGTGTCTATATCAAGATCGTATCCCGC

ACGCGTACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC225917 protein sequence

Red=Cloning site Green=Tags(s)

 MMEALGFLKLEVNGPMVTVALSVALLALLKWYSTSAFSRLEKLGRHPKPSPIGNLTFFRQGFWESQME
LRKLYGPLCGYYLGRMFIVISEPDMIKQVLVENFSNFTNRMASGLEFKSVADSVLFLRDKRWEEVRGAL
MSAFSPEKLNEMVPLISQACDLLLAHLKRYAESGDAFDIQRCCNYTTDVVASVAFGTPVDSWQAPEDPF
VKHCKRFFEFICPRPILVLLSFPSIMVPLARILPNKNRDELNGFFNKLIRNVIALRDQQAEEERRRDFL
QMVLDARHSASPMGVQDFDIVRDVFSSTGCKPNPSRQHQPSPMARPLTVDEIVGQAFIFLIAGYEIITNT
LSFATYLLATNPDCQEKLLREVDVFKEKHMAPEFCSLEEGLPYLDMVIAETLRMYPPAFRFTREAAQDCE
VLGQRIPAGAVLEMAVGALHHDPEHWSPETFNPERFTAEARQQHRPFTYLPFGAGPRSLGVRLGLLEV
KLTLHLVHLKFRFQACPETQVPLQLESKSALGPKNGVYIKIVSR

TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_001130966

ORF Size:

1602 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_001130966.1</u> , <u>NP_001124438.1</u>
RefSeq Size:	2385 bp
RefSeq ORF:	1602 bp
Locus ID:	6916
UniProt ID:	<u>P24557</u>
Cytogenetics:	7q34
MW:	60.6 kDa