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Product datasheet for RC200411A1V

Human TGFBI (NM_000358) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TGFBI (NM_000358) AAV Particle
Tag:	Myc-DDK
Symbol:	TGFBI
Synonyms:	BIGH3; CDB1; CDG2; CDGG1; CSD; CSD1; CSD2; CSD3; EBMD; LCD1
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

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ORF Nucleotide Sequence:

>RC200411 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCTCTTCGTGCGGCTGCTGGCTCTCGCCCTGGCTCTGGCCCTGGGCCCCGCCGCGACCCTGGCGG
GTCCCGCCAAGTCGCCCTACCAGCTGGTGCTGCAGCACAGCAGGCTCCGGGGCCGCCAGCACGGCCCCAA
CGTGTGTGCTGTGCAGAAGGTTATTGGCACTAATAGGAAGTACTTCACCAACTGCAAGCAGTGGTACCAA
AGGAAAATCTGTGGCAAATCAACAGTCATCAGCTACGAGTGCTGTCCTGGATATGAAAAGGTCCCTGGGG
AGAAGGGCTGTCCAGCAGCCCTACCACTCTCAAACCTTTACGAGACCCTGGGAGTCGTTGGATCCACCAC
CACTCAGCTGTACACGGACCGCACGGAGAAGCTGAGGCCTGAGATGGAGGGGCCCGGCAGCTTCACCATC
TTCGCCCCTAGCAACGAGGCCTGGGCCTCCTTGCCAGCTGAAGTGCTGGACTCCCTGGTCAGCAATGTCA
ACATTGAGCTGCTCAATGCCCTCCGCTACCATATGGTGGGCAGGCGAGTCCTGACTGATGAGCTGAAACA
CGGCATGACCCTCACCTCTATGTACCAGAATTCCAACATCCAGATCCACCACTATCCTAATGGGATTGTA
ACTGTGAACTGTGCCCGGCTGCTGAAAGCCGACCACCATGCAACCAACGGGGTGGTGCACCTCATCGATA
AGGTCATCTCCACCATCACCAACAACATCCAGCAGATCATTGAGATCGAGGACACCTTTGAGACCCTTCG
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ACCAATGAGGCCTTCGAGAAGATCCCTAGTGAGACTTTGAACCGTATCCTGGGCGACCCAGAAGCCCTGA
GAGACCTGCTGAACAACCACATCTTGAAGTCAGCTATGTGTGCTGAAGCCATCGTTGCGGGGCTGTCTGT
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ATCATCTCCAATAAAGACATCCTAGCCACCAACGGGGTGATCCACTACATTGATGAGCTACTCATCCCAG
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AGCCGGCCTCGGCAATCATCTCTCTGGAAGTGAGCGGTTGACCCTCCTGGCTCCCCTGAATTCTGTATTC
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GCTTTAGCATGCTGGTAGCTGCCATCCAGTCTGCAGGACTGACGGAGACCCTCAACCGGGAAGGAGTCTA
CACAGTCTTCGCTCCCACAAATGAAGCCTTCCGAGCCCTGCCACCAAGAGAACGGAGCAGACTCTTGGGA
GATGCCAAGGAACTTGCCAACATCCTGAAATACCACATTGGTGATGAAATCCTGGTTAGCGGAGGCATCG
GGGCCCTGGTGCGGCTAAAGTCTCTCCAAGGTGACAAGCTGGAAGTCAGCTTGAAAAACAATGTGGTGAG
TGTCAACAAGGAGCCTGTTGCCGAGCCTGACATCATGGCCACAAATGGCGTGGTCCATGTCATCACCAAT
GTTCTGCAGCCTCCAGCCAACAGACCTCAGGAAAGAGGGGATGAACTTGCAGACTCTGCGCTTGAGATCT
TCAAACAAGCATCAGCGTTTTCCAGGGCTTCCCAGAGGTCTGTGCGACTAGCCCCTGTCTATCAAAAGTT
ATTAGAGAGGATGAAGCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC200411 protein sequence
Red=Cloning site Green=Tags(s)

MALFVRLLALALALALGPAATLAGPAKSPYQLVLQHSRLRGRQHGPNVCAVQKVIGTNRKYFTNCKQWYQ
RKICGKSTVISYECCPGYEKVPGEKGCPAALPLSNLYETLGVVGSTTTQLYTDRTEKLRPEMEGPGSFTI
FAPSNEAWASLPAEVLDSLVSNVNIELLNALRYHMVGRRVLTDELKHGMTLTSMYQNSNIQIHHYPNGIV
TVNCARLLKADHHATNGVVHLIDKVISTITNNIQQIIEIEDTFETLRAAVAASGLNTMLEGNGQYTLLAP
TNEAFEKIPSETLNRILGDPEALRDLLNNHILKSAMCAEAIVAGLSVETLEGTTLEVGCSGDMLTINGKA
IISNKDILATNGVIHYIDELLIPDSAKTLFELAAESDVSTAIDLFRQAGLGNHLSGSERLTLLAPLNSVF
KDGTPPIDAHTRNLLRNHIIKDQLASKYLYHGQTLETLGGKKLRVFVYRNSLCIENSCIAAHDKRGRYGT
LFTMDRVLTPPMGTVMDVLKGDNRFSMLVAAIQSAGLTETLNREGVYTVFAPTNEAFRALPPRERSRLLG
DAKELANILKYHIGDEILVSGGIGALVRLKSLQGDKLEVSLKNNVVSVNKEPVAEPDIMATNGVVHVITN
VLQPPANRPQERGDELADSALEIFKQASAFSRASQRSVRLAPVYQKLLERMKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_000358

ORF Size: 2049 bp

Buffer: PBS with 0.001% Pluronic F5059

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: NM_000358.1

RefSeq Size: 2805 bp

RefSeq ORF: 2052 bp

Locus ID: 7045

UniProt ID: Q15582

Cytogenetics: 5q31.1

MW: 74.7 kDa