

Product datasheet for **RC216045A1V**

Human TXNRD1 (NM_182729) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TXNRD1 (NM_182729) AAV Particle
Tag:	Myc-DDK
Symbol:	TXNRD1
Synonyms:	GRIM-12; TR; TR1; TRXR1; TXNR
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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ORF Nucleotide Sequence:

>RC216045 representing NM_182729
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGAACGGCCCTGAAGATCTTCCCAAGTCTATGACTATGACCTTATCATCATTGGAGGTGGCTCAGGAG
 GTCTGGCAGCTGCTAAGGAGGCAGCCCAATATGGCAAGAAGGTGATGGTCTGGACTTTGTCACTCCAC
 CCCTCTTGGAAGTAGATGGGGTCTCGGAGGAACATGTGTGAATGTGGGTGCATACCTAAAAACTGATG
 CATCAAGCAGCTTTGTTAGGACAAGCCCTGCAAGACTCTCGAAATTATGGATGGAAAGTCGAGGAGACAG
 TTAAGCATGATTGGGACAGAATGATAGAAGCTGTACAGAATCACATTGGCTCTTTGAATTGGGGTACCG
 AGTAGCTCTGCGGAGAAAAAGTCGTCTATGAGAATGCTTATGGCAATTTATTGGTCTCACAGGATT
 AAGGCAACAAATAATAAAGGCAAGAAAAATTTATTCAGCAGAGAGATTTCTCATTGCCACTGGTGAAA
 GACCACGTTACTTGGGCATCCCTGGTGACAAAGAATACTGCATCAGCAGTGATGATCTTTCTCCTTGCC
 TTAAGTCCCGGTAAGACCTGGTTGTTGGAGCATCCTATGTCGCTTTGGAGTGCCTGGATTTCTTGCT
 GGTATTGGTTTAGACGCTCACTGTTATGGTTAGGTCCATTCTTCTTAGAGGATTTGACCAGGACATGGCCA
 ACAAATTGGTGAACACATGGAAGAATGGAATCAAGTTTATAAGACAGTTCGTACCAATTAAGTTGA
 ACAAATTGAAGCAGGACACCGGCGACTCAGAGTAGTAGCTCAGTCCCAATAGTGAGGAAATCATT
 GAAGGAGAATATAATACGGTGATGCTGGCAATAGGAAGAGATGCTTGACAAGAAAAATTGGCTTAGAAA
 CCGTAGGGGTGAAGATAAATGAAAGACTGGAAAAATACCTGTACAGATGAAGAACAGACCAATGTGCC
 TTACATCTATGCCATTGGCGATATATTGGAGGATAAGGTGGAGCTCAGGAGTTGCAATCCAGGCAGGA
 AGATTGCTGGCTCAGAGGCTCTATGCAGGTTCCACTGTCAAGTGTGACTATGAAAATGTTCAACCACTG
 TATTTACTCCTTTGGAATATGGTCTTTGCGCTTTCTGAGGAGAAAGCTGTGGAGAAGTTTGGGAAGA
 AAATATTGAGGTTTACCATAGTTACTTTTGGCCATTGGAATGGACGATTCCGTCAAGAGATAACAACAAA
 TGTTATGCAAAAATAATCTGTAATACTAAAGACATGAACGTGTTGTGGGCTTTCACGTACTGGGTCCAA
 ATGCTGGAGAAGTTACACAAGGCTTTGCAGCTGCGCTCAAATGTGGACTGACCAAAAAGCAGCTGGACAG
 CACAATTGGAATCCACCCTGTCTGTGCAGAGGTATTACAACATTGTCTGTGACCAAGCGCTCTGGGGCA
 AGCATCTCCAGGCTGGCTGCTGAGGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

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MNGPEDLPKSYDYDLIIIGGSGGLAAAKEAAQYGKKVMVLDFTPTPLGTRWGLGGTCVNVGCIPKKLM
 HQAALLGQALQDSRNYGWKVEETVKHDWDRMIEAVQNHIGSLNWGYRVALREKKVVYENAYGQFIGPHRI
 KATNNKGKEKIYSAERFLIATGERPRYLGPDKKEYCISDDLFSLPYCPGKTLVVGASYVALECAFLA
 GIGLDVTVMVRSILLRGFDQDMANKIGEHMEEHGKIFIRQFVPIKVEQIEAGTPGRLRVVAQSTNSEEII
 EGEYNTVMLAIGRDACTRKIGLETVGVKINEKTGKIPVTDEEQTNVPIYIAIGDILEDKVELTPVAIQAG
 RLLAQRLYAGSTVKCDYENVPTTVFTPLEYGACGLSEEKAVEKFGEENIEVYHSYFWPLEWTIPSRDNNK
 CYAKIICNTKDNERNVGFHVLGPNAGEVTQGFAAALKCGLTKKQLDSTIGIHPVCAEVFTTSLVTKRSGA
 SILQAGCUG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM_182729

ORF Size:

1497 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_182729.1</u>
RefSeq Size:	3694 bp
RefSeq ORF:	1500 bp
Locus ID:	7296
UniProt ID:	<u>Q16881</u>
Cytogenetics:	12q23.3