

Product datasheet for **RC202777A1V**

Human TDO2 (NM_005651) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human TDO2 (NM_005651) AAV Particle
Tag:	Myc-DDK
Symbol:	TDO2
Synonyms:	HYPTRP; TDO; TO; TPH2; TRPO
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>RC202777 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGCATCGCC**

ATGAGTGGGTGCCCATTTTTAGGAAACAACTTTGGATATACTTTAAAAAACTCCCCGTAGAAGGCAGCG
AAGAAGACAAATCACAACTGGTGTGAATAGAGCCAGCAAAGGAGGTCTTATCTATGGGAACTACCTGCA
TTTGGAAAAAGTTTTGAATGCACAAGAACTGCAAAGTGAACAAAAGGAAATAAAATCCATGATGAACAT
CTTTTTATCATAACTCATCAAGCTTATGAACTCTGGTTTAAGCAAATCCTCTGGGAGTTGGATTCTGTT
GAGAGATCTTTGAGAATGGCCATGTGAGAGATGAAAGGAACATGCTTAAGGTTGTTTCTCGGATGCACCG
AGTGTCAGTGATCCTGAACTGCTGGTGCAGCAGTTTTCCATTCTGGAGACGATGACAGCCTTGGACTTC
AATGACTTCAGAGAGTACTTATCTCCAGCATCAGGCTTCCAGAGTTTGCAATTCCGACTATTAGAAAACA
AGATAGGTGTTCTTCAGAACATGAGAGTCCCTTATAACAGAAGACATTATCGTGATAACTTCAAAGGAGA
AGAAAATGAACTGCTACTTAAATCTGAGCAGGAAAAGACACTTCTGGAATTAGTGGAGGCATGGCTGGA
AGAACTCCAGGTTTAGAGCCACATGGATTTAATTCTGGGAAAGCTTGAAAAAATATCACCAGAGGCC
TGGAAGAGGAATTCATAAGGATTCAGGCTAAAGAAGAGTCTGAAGAAAAAGGGAACAGGTGGCTGAATT
TCAGAAGCAAAAAGAGGTGCTACTGTCCTTATTTGATGAGAAACGTATGAACATCTCCTTAGTAAAGGT
GAAAGACGGCTGTCATACAGAGCACTTCAGGGAGCATTGATGATATATTTTACAGGGAAGAGCCTAGGT
TCCAGGTGCCTTTTCAGTTGCTGACTTCTTATGGACATAGATTCACTGATGACCAATGGAGATATAA
CCATGTGTGCATGGTGCACAGAATGCTGGGCAGCAAAGCTGGCACCAGTGGTTCCCTCAGGCTATCACTAC
CTGCGATCAACTGTGAGTGATAGGTACAAGGTATTTGTAGATTTATTTAATCTTTCAACATACCTGATTC
CCCGACACTGGATACCGAAGATGAACCAACCATTCACAAATTTCTATATACAGCAGAATACTGTGATAG
CTCCTACTTCAGCAGTGATGAATCAGAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>RC202777 protein sequence Red=Cloning site Green=Tags(s) MSGCPFLGNNFGYTFKKLPVEGSEEDKSQTGVNRASKGGLIYGNYLHLEKVLNAQELQSETKGNKIHDEH LFIITHQAYELWFKQILWELDSVREIFQNGHVRDERNMLKVVSRRHRSVILKLLVQQFSILETMTALDF NDFREYLSPASGFQSLQFRLLNKGIVLQNMVYPYNNRRHYRDNFKGEENELLLKSEKELTLELVEAWLE RTPGLEPHGFNFWGKLEKNITRGLLEEFIRIQAKEESEKKEEQVAEFQKQKEVLLSLFDEKRHEHLLSKG ERRLSYRALQGALMIYFYREEPRFQVPFQLLTSLMDIDSMTKWRYNHVCMVHRMLGSKAGTGGSSGYHY LRSTVSDRYKVFVDLNLSTYLIPRHWIPKMNPITHKFLYTAEYCDSSYFSSDESD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Human
Serotype:	AAV-2
ACCN:	NM_005651
ORF Size:	1218 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:	NM_005651.1
RefSeq Size:	1703 bp
RefSeq ORF:	1221 bp
Locus ID:	6999
UniProt ID:	P48775
Cytogenetics:	4q32.1
MW:	47.9 kDa