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Product datasheet for RC220133A1V

Human Ephrin B2 (EFNB2) (NM_004093) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Human Ephrin B2 (EFNB2) (NM_004093) AAV Particle
Tag:	Myc-DDK
Symbol:	Ephrin B2
Synonyms:	EPLG5; Htk-L; HTKL; LERK5
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)

ORF Nucleotide Sequence:

>RC220133 representing NM_004093
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGTGAGAAGGGACTCCGTGTGGAAGTACTGCTGGGGTGTTTTGATGGTTTTATGCAGAACTGCGA
TTTCCAAATCGATAGTTTTAGAGCCTATCTATTGGAATTCCTCGAACTCCAAATTTCTACCTGGACAAGG
ACTGGTACTATACCCACAGATAGGAGACAAATTGGATATTATTTGCCCCAAAGTGGACTCTAAAACTGTT
GGCCAGTATGAATATTATAAAGTTTATATGGTTGATAAAGACCAAGCAGACAGATGCACTATTAAGAAGG
AAAATACCCCTCTCCTCAACTGTGCCAAACCAGACCAAGATATCAAATTCACCATCAAGTTTCAAGAATT
CAGCCCTAACCTCTGGGGTCTAGAATTTCAGAAGAACAAAGATTATTACATTATATCTACATCAAATGGG
TCTTTGGAGGGCCTGGATAACCAGGAGGGAGGGGTGTGCCAGACAAGAGCCATGAAGATCCTCATGAAAG
TTGGACAAGATGCAAGTTCTGCTGGATCAACCAGGAATAAAGATCCAACAAGACGTCCAGAACTAGAAGC
TGGTACAAATGGAAGAAGTTCGACAACAAGTCCCTTTGTAAAACCAAATCCAGGTTCTAGCACAGACGGC
AACAGCGCCGGACATTCGGGGAACAACATCCTCGGTTCCGAAGTGGCCTTATTTGCAGGGATTGCTTCAG
GATGCATCATCTTCATCGTCATCATCATCACGCTGGTGGTCCTCTTGCTGAAGTACCGGAGGAGACACAG
GAAGCACTCGCCGCAGCACACGACCACGCTGTCGCTCAGCACACTGGCCACACCCAAGCGCAGCGGCAAC
AACAACGGCTCAGAGCCCAGTGACATTATCATCCCGCTAAGGACTGCGGACAGCGTCTTCTGCCCTCACT
ACGAGAAGGTCAGCGGGGACTACGGGCACCCGGTGTACATCGTCCAGGAGATGCCCCCGCAGAGCCCGGC
GAACATTTACTACAAGGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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Protein Sequence:

>RC220133 representing NM_004093
Red=Cloning site Green=Tags(s)

MAVRRDSVWKYCWGVLMVLCRTAISKSIVLEPIYWNSSNSKFLPGQGLVLYPQIGDKLDIICPKVDSKTV
GQYEYYKVYMVDKDQADRCTIKKENTPLLNCAKPDQDIKFTIKFQEFSPNLWGLEFQKNKDYYIISTSNG
SLEGLDNQEGGVCQTRAMKILMKVGQDASSAGSTRNKDPTRRPELEAGTNGRSSTTSPFVKPNPGSSTDG
NSAGHSGNNILGSEVALFAGIASGCIIFIVIIITLVVLLLKYRRRHRKHSPQHTTTLSLSTLATPKRSGN
NNGSEPSDIIIPLRTADSVFCPHYEKVSGDYGHPVYIVQEMPPQSPANIYYKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species: Human

Serotype: AAV-2

ACCN: NM_004093

ORF Size: 999 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_004093.2

RefSeq Size: 4335 bp

RefSeq ORF: 1002 bp

Locus ID: 1948

UniProt ID: P52799

Cytogenetics: 13q33.3

MW: 36.7 kDa