

Product datasheet for RN213971

Kynu (NM_053902) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Kynu (NM_053902) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Kynu
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN213971 representing NM_053902 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCCTCGCCTCTTGAGCTACCAGTTGATGCAGTGCGGCGCATCGGGCTGAACTCAATTGTGACC
CAACCGATGAGAGGGTGGCTCTCCGCTTGGATGAGGAAGATAAACTGAAGCGTTTTAAGGACTGTTTTTA
TATCCCCAAAATGCGGGACCTGCCTTCAATTGATCTATCTTTAGTGAATGAGGATGATAATGCCATCTAT
TTCTGGGAAATTCCTTGGTCTTCAACCGAAGATGGTTAAAACATACCTGGAGGAAGAGCTAGATAAGT
GGGCCAAAATAGGAGCCTATGGCCATGAGGTAGGAAACGTCCTTGGATTATAGGAGATGAGAGCATTGT
AACCCTTATGAAGGACATTGTAGGAGCCCATGAGAAAAGAAATAGCTCTAATGAATGCTTTGACTGTTAAT
TTACATCTCCTGCTGTTATCATTCTTTAAGCCTACACCAAAGCGGCACAAAATTTCTTAGAAGCCAAAG
CCTTCCCTTCTGATCATTATGCGATCGAGTCACAGATTCAACTTCATGGACTTGATGTTGAGAAAAGTAT
GCGGATGATAAAGCCACGAGAGGGGAAGAGACCTTAAGAATGGAGGACATACTGGAAGTAATTGAGAAG
GAAGGAGACTCAATTGCTGTGGTCTGTTCAGTGGCCTGCACTTTTATACTGGACAGCTGTTCAACATTC
CTGCCATTACACAAGCCGGACATGCAAAGGGCTGTTTTGTTGGCTTTGACCTAGCGCATGCGGTTGGAAA
TGTTGAACTCCACTTACATGACTGGGATGTTGACTTTGCCTGCTGGTGCCTACAAGTATTTAAATTC
GGAGCTGGAGGTCTGGCTGGTGCCTTATCCATGAGAAACACGCTCACACGATCAAGCCAGCGTTAGTGG
GATGGTTCCGCCATGAACTCAGTACAAGATTTAACATGGATAACAACTACAATTAATCCCCGGGTC
TGGATTCGGAATTTCAACCCCTCCCATCTGTTGGTCTGCTCCTTGATGCCAGTTTAGAGATCTTTAG
CAAGCAACTATGACTGCGCTGAGGAGAAAATCCATTCTGCTGACAGGTTATCTGGAATACTTGCTCAAAC
ATTACCATGGCGGAAATGACACAGAAAACAAGAGGCCAGTTGTGAACATAATCACCCATCCAGAGCAGA
GGAACGAGGCTGCCAGCTGACACTGACCTTTTCCATTTCCAAGAAAGCGTTTTTAAGGAACTAGAAAA
AGAGGAGTCGTCTGTGACAAGCGAGAACCAGAAGGCATCCGGTGGCCCCGGTTCCTCTATAATTCTT
TCCATGATGTTTATAAGTTCATCAGACTGCTTACTGCCATACTCGACTCTACAGAAAGAACTAG

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_053902
Insert Size:	1395 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_053902.2 , NP_446354.1
RefSeq Size:	1764 bp
RefSeq ORF:	1395 bp
Locus ID:	116682
UniProt ID:	P70712
Cytogenetics:	3q12
Gene Summary:	enzyme involved in the biosynthesis of NAD cofactors from tryptophan [RGD, Feb 2006]