

Product datasheet for RN210495

Fnta (NM_012847) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fnta (NM_012847) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fnta
Synonyms:	PFAS
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN210495 representing NM_012847 Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGCCACTGAGGGGTGCGGGAATCTGCGCCAGGCGGTGAGCCGGGACAGCCAGAGCAGCCGCCG
 CCCCCTCTCCGCGCCAGCAGCAGCCGAGGAAGAAGAGATGGCGCCGAGGCGGGGAAGCAGC
 GGCGTCCCCTATGGACGACGGTTTCTGAGCCTGGACTCGCCACCTATGTCTTGACAGGGACAGGGCA
 GAGTGGGCTGACATAGACCCAGTGCCCCAGAATGATGGCCCCAGTCCAGTGGTCCAGATCATCTACAGTG
 AAAAGTTTAGAGACGTCTATGATTACTCCGAGCTGTTCTGCAGCGCGATGAAAGAAGCGAACGAGCCTT
 TAAGCTCACTCGAGATGCTATTGAGTTAAACGCAGCCAATATACGGTGTGGCATTTCGGAGAGTTCTC
 TTGAGGTCGCTTCAGAAGGATCTGCAAGAAGAAATGAACTACATCATCGCAATAATTGAGGAACAGCCCA
 AAACTATCAAGTTTGGCACCATAGGAGAGTATTAGTGGAGTGGCTGAAAGATCCTTCTCAAGAGCTCGA
 GTTCATCGCCGATATCCTTAATCAGGATGCAAAGAATTACCATGCCTGGCAGCATCGACAGTGGGTCAAT
 CAGGAGTTTCGACTTTGGGATAATGAGCTGCAGTATGTGGACCAGCTTCTCAAAGAGGATGTGAGAAATA
 ACTCTGTGTGGAACCAAGACACTTCGTCATTTCTAATACCACTGGCTACAGTGATCGCGCTGTGTTGGA
 GAGAGAAGTCCAATATACTCTGGAATGATCAAATTAGTGCCACACAATGAGAGTGCCTGGAAGTACTTG
 AAAGGGATTTGCAGGACCGTGGTCTTTCCAGATACCCTAATCTATTAACCAAGTTGCTTGATTTACAAC
 CAAGTCACAGCTCCCCCTACCTAATTGCCTTTCTTGATGATATCTATGAAGACATGCTGGAAACCAAGTG
 TGACAACAAGGAGGACATTCTTAATAAAGCACTAGAGTTATGTGAGATTCTAGCTAAAGAAAAGGACACT
 ATAAGAAAGGAATATTGGAGATATATTGGACGGTCCCTCCAGAGTAAACACAGCAGAGAAAGTGACATAC
 CGCGAGTGTA**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


[View online »](#)

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_012847
Insert Size:	1134 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:	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:	<u>NM_012847.1, NP_036979.1</u>
RefSeq Size:	1680 bp
RefSeq ORF:	1134 bp
Locus ID:	25318
UniProt ID:	<u>Q04631</u>
Cytogenetics:	16q12.4
Gene Summary:	subunit of the heterodimeric p21ras protein farnesyltransferase that attaches farnesyl residues to a cysteine at the fourth position from the C-terminus; may function as farnesyl pyrophosphate carrier [RGD, Feb 2006]