

Product datasheet for RR214621

Nefh (NM_012607) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nefh (NM_012607) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nefh
Synonyms:	Nfh
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR214621 representing NM_012607 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGATGAGCTTCGGCGGCGCGATGCGCTGCTGGGCGCCCGTTCGCGCCGCTGCACGGAGGAGGCAGCC
TGCCTACGCGCTGAGCCGCAAGGCAGGCGCCGCGGCACCCGCTCCGCGCCGGCTCCTCCAGCGGCTT
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ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTAA

Protein Sequence:

>RR214621 representing NM_012607
 Red=Cloning site Green=Tags(s)

MMSFGADALLGAPFAPLHGGSLHYALSRKAGAGGTRSAAGSSSGFHSWARTSVSSVSASPSRFRGAGA
 ASSTDSLDTLSNGPEGCVVAVAARSEKQLQALNDRFAGYIDKVRQLEAHNRSLEGEAAALRQQQAGRA
 AMGELYREVREMRGAVLRLGAARGQLRLEQEHLLEDIAHVRQRLDEEARQREEEAAAARLARFAQEAE
 AARVELQKKAQALQECCGYLRRHHQEEVGEELLGQIQGCGAAQAQAQAEARDALKCDVTSALREIRAQLEG
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 SEKAPEDKAAKGDK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

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:	<u>NM_012607.2</u> , <u>NP_036739.2</u>
RefSeq Size:	3843 bp
RefSeq ORF:	3195 bp
Locus ID:	24587
Cytogenetics:	14q21
MW:	114.4 kDa
Gene Summary:	an intermediate filament protein found primarily in neurons [RGD, Feb 2006]