

Product datasheet for **RR214808**

Praf2 (NM_001109013) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Praf2 (NM_001109013) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Praf2
Synonyms: RGD1566287
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR214808 representing NM_001109013
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGAGGTGCGGCTGCCACCGCTGCGCCCTAGACGACTTTGTCTGGGGTCTGCACGTTTGGCAG
CTCCTGATCTAGGCGATCCACAACGATGGTGTACCGCGTCATCAACAACCTCCTCTACTACCAAACCA
TTACCTTCTCTGCTTTGGCATCAGTCTCGCTCTGGCCGGTACATTTCGTCCTACTGCACACCTCCTGAGC
GCACTGGTAGTGGCGGTGGCCCTCGGGGTGTGGTGTGGGCTGCTGAAACCCGTGCTGCTGTGCGCCGCT
GCCGTCGCAGTACCCTGCTGCCTGCCTGGCTGCAGTACTTCCGTTAGCCTCTTATTCTCTGGGCCGT
GGGCGGCGCTTTACCTTCTGCTCTGCATCACAGCGCCTGTGCTTTTGATCCTGCTGCATGCTTCACTG
CGCCTGAGAAACCTTAAAAACAAGATTGAGAACAAGATCGAGAGCATCGGTCTAAAGCGGACCAATGG
GACTGCTTCTAGAGGCACTGGGACAGGAGCAGGAAGCTGGATCC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214808 representing NM_001109013
Red=Cloning site Green=Tags(s)

MSEVRLPPLRALDDFVLGSARLAAPDLGDPQRWCHRVINLLYYQTNLLCFGISLALAGYIRPLHTLLS
ALVVAVALGVLVWAAETRAAVRRCRRSHPAACLA AVLAVSLFILWAVGGAF TFLLCITAPVLLILLHASL
RLRNLKKNKIENKIESIGLKRTMGLLLLEALGQEAGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-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_001109013.1</u> , <u>NP_001102483.1</u>
RefSeq Size:	1352 bp
RefSeq ORF:	537 bp
Locus ID:	367743
Cytogenetics:	Xq12
MW:	19.4 kDa