

Product datasheet for MR201577

Praf2 (NM_138602) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Praf2 (NM_138602) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Praf2
Synonyms: AA986329; C78013; DXImx39e; JM4; Sfc20
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201577 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCGGAGGTGCGGCTGCCACCGCTGCGGCCCTAGACGACTTTGTCCTGGGGTCTGCGCGCTGGCGG
CTCCTGATCCAGGCGATCCACAACGATGGTGTACCGCGTCATCAACAACCTCCTCTACTACCAACCAA
TTACCTTCTCTGCTTTGGCATCAGTCTTGGCTGGCCGGGTACATTTCGTCGCTGCACACCTCCTGAGT
GCACTGGTAGTGGTGGTGGCCCTCGGGTGTGGTGTGGGCTGCTGAAACCGTGCAGCTGTGCGCCGT
GCCGTCGACGCCACCTGCTGCCTGCCTGGCTGCAGTGTGCCATTAGCCTCTTATTCTCTGGGCCGT
GGGTGGCGCCTTACCTTCTGCTCAGCATCACAGCGCCTGTGTTTTGATCCTGCTGCATGCTTCACTG
CGTCTGAGAAACCTTAAAAACAAGATTGAGAACAAGATCGAGAGCATCGGTCTAAAGCGGACCAATGG
GATTGCTTCTAGAGGCACTGGGACAGGAGCAGGAAGCTGGATCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201577 protein sequence
Red=Cloning site Green=Tags(s)

MSEVRLPPLRALDDFVLGSARLAAPDPGDPQRWCHRVINLLYYQTNYLLCFGISLALAGYIRPLHTLLS
ALVVVVALGVLVWAAETRAAVRRCRRSHPAACLAAVLAISLFIWVGGAFITLLSITAPVFLILLHASL
RLRNLKKNKIENKIESIGLKRTMGLLLEALGQEAGS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



Cloning Scheme:


ACCN: NM_138602

ORF Size: 537 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_138602.4](#)

RefSeq Size: 1206 bp

RefSeq ORF: 537 bp

Locus ID: 54637

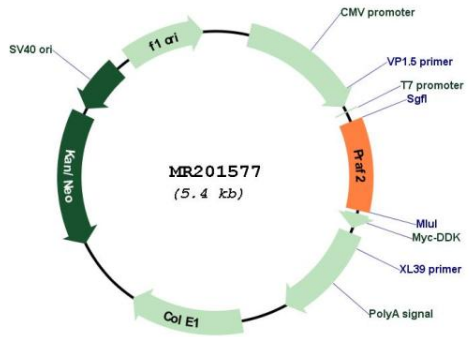
UniProt ID: [Q9JIG8](#)

Cytogenetics: X 3.48 cM

MW: 19.5 kDa

Gene Summary: May be involved in ER/Golgi transport and vesicular traffic. Plays a proapoptotic role in cerulenin-induced neuroblastoma apoptosis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201577