

## **Product datasheet for MC208423**

## Efna3 (NM 010108) Mouse Untagged Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: Efna3 (NM\_010108) Mouse Untagged Clone

Tag: Tag Free Symbol: Efna3

Synonyms: AW494418; EFL-2; Ehk1-L; Epl3; LERK-3

Mammalian Cell

Selection:

Neomycin

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

Fully Sequenced ORF: >NCBI ORF sequence for NM\_010108, the custom clone sequence may differ by one or more

nucleotides

Restriction Sites: Sgfl-Mlul
ACCN: NM\_010108
Insert Size: 693 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).



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com

## Efna3 (NM\_010108) Mouse Untagged Clone - MC208423

**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.

**Note:** Plasmids are not sterile. For experiments where strict sterility is required, filtration with

0.22um filter is required.

RefSeq: <u>BC125003</u>, <u>AAI25004</u>

 RefSeq Size:
 1225 bp

 RefSeq ORF:
 693 bp

 Locus ID:
 13638

 UniProt ID:
 008545

 Cytogenetics:
 3 39.06 cM

**Gene Summary:** Cell surface GPI-bound ligand for Eph receptors, a family of receptor tyrosine kinases which

are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. Binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells. The signaling pathway downstream of the receptor is referred to as forward signaling while the signaling pathway downstream of the ephrin ligand is referred to as reverse signaling.[UniProtKB/Swiss-Prot

Function]