

Product datasheet for **MG201101**

Plp2 (BC092095) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Plp2 (BC092095) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Plp2
Synonyms: mIMA4
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201101 representing BC092095
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGGATTCTGAGCGTCTCTCGGCCCGGCTGCTGGTTAGCCTGCACCAGCTTCTCGCGACCAAAA
 AGGGAATTCTCCTGTTTCTGCTGAGATTATACTGTGCCTGGTATTTGATTTGCTTCAGTGCATCTACAAC
 ATCGGCTACTCCTCCCTGTCGGTGATTGAGATGATCTGTGCTGTCTTATTTGTCTTCTACATGTGT
 GACCTGCACTCCAAGATATCATTATCACTGACCTGGACTGACTTCTCAGATCCCTCATAGCAACCA
 TCCTGTACCTGATCACCTCCATTGTTGCTTGTAGAAGGAAGAGGCAGCTCCAGAGTTGTCGCTGGGAT
 ACTGGGCTTACTTGTACGTTGCTCTTTGGCTACGATGCATACATCACCTCCCTCTAAAGCAGCAAAGA
 CATACAGCAGCTCCCACTGACCCCACTGATGGCCCG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201101 representing BC092095
 Red=Cloning site Green=Tags(s)

MADSERLSAPGCWLACTSFSRTRKKGILLFAEIIILCLVILICFSASTTSAYSSLSVIEMICAAVLFVIFYMC
 DLHISKISFINWPWTDFFRSLIATILYLITISIVVLVEGRGSSRVVAGILGLLATLLFGYDAYITFPLKQQR
 HTAAPTDPDGP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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>BC092095</u> , <u>AAH92095</u>
RefSeq Size:	1077 bp
RefSeq ORF:	458 bp
Locus ID:	18824
Cytogenetics:	X 3.45 cM
Gene Summary:	May play a role in cell differentiation in the intestinal epithelium.[UniProtKB/Swiss-Prot Function]