

## Product datasheet for **RC225117**

### **FABP12 (NM\_001105281) Human Tagged ORF Clone**

#### Product data:

Product Type: Expression Plasmids  
Product Name: FABP12 (NM\_001105281) Human Tagged ORF Clone  
Tag: Myc-DDK  
Symbol: FABP12  
Mammalian Cell Selection: Neomycin  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
ORF Nucleotide Sequence: >RC225117 representing NM\_001105281  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGATTGACCAGCTCCAAGGAACATGGAAGTCCATTTCTGTGAAAATCCGAAGACTACATGAAGGAGC  
TGGGTATAGGAAGAGCCAGCAGGAACTGGGCCGTTTGGCAAACCCACTGTGACCATCAGTACAGATGG  
AGATGTCAACAAATAAAAAACAAAGCATCTTTAAAAATAATGAGATCTCCTTTAAGCTGGGAGAAGAG  
TTTGAGGAAATCACGCCAGGTGGCCACAAAACAAAGAGTAAAGTAACCTTAGATAAGGAGTCCCTGATTC  
AAGTTCAGGACTGGGATGGCAAAGAAACCACATAACGAGAAAGCTGGTGGATGGGAAAATGGTGGTGA  
AAGTACTGTGAACAGTGTATCTGTACACGAACATACGAGAAAGTATCATCAAACCTCAGTCTCAAACCTCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC225117 representing NM\_001105281  
Red=Cloning site Green=Tags(s)

MIDQLQGTWKSISCENSEDYMKELGIGRASRKLGLAKPTVTISTDGDVITIKTKSIFKNNEISFKLGEE  
FEEITPGGHKTKSKVTLDKESLIQVQDWDGKETTITRKLVDGKMVVESTVNSVICTRTYEKVSSNSVSNS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: [https://cdn.origene.com/chromatograms/mk8034\\_a06.zip](https://cdn.origene.com/chromatograms/mk8034_a06.zip)

Restriction Sites: Sgfl-MluI

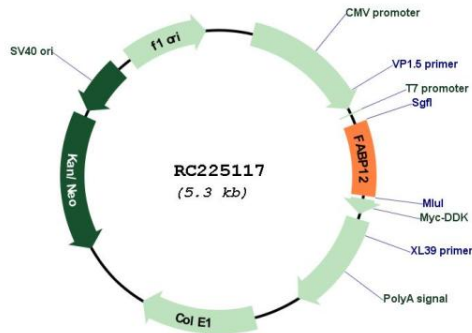


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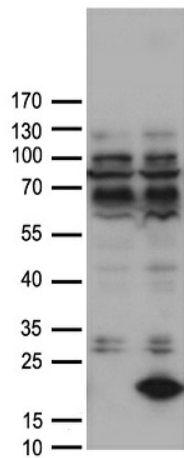


**Cytogenetics:** 8q21.13  
**MW:** 15.4 kDa  
**Gene Summary:** May play a role in lipid transport.[UniProtKB/Swiss-Prot Function]

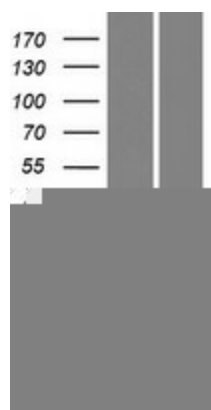
**Product images:**



Circular map for RC225117



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY FABP12 (Cat# RC225117, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-FABP12 antibody (Cat# [TA890063]). Positive lysates [LY426239] (100ug) and [LC426239] (20ug) can be purchased separately from OriGene.



Western blot validation of overexpression lysate (Cat# [LY426239]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225117 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).