Product datasheet for MR200776

Fabp3 (NM_010174) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fabp3 (NM_010174) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fabp3
Synonyms: Fabph-1; Fabph-4; Fabph1; Fabph4; H-FABP; Mdgi
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: (cloning site ORF tags)

Protein Sequence: (cloning site ORF tags)

Restriction Sites: SgfI-MluI

ORF Nucleotide Sequence:
>MR200776 ORF sequence
Red=Cloning site Blue=ORF Green=Tags(s)
TTTTGTAATACGACTCATATAGGGCGGCCGAGAATTCGACTGATCTCCGTTAGCATCCTGGTGATCCGCC
GCCGCGATCGCC

ATGGCGGAGGCCGCTGGTACTGGACAGCAAGCAATTTGATGACTAGATGAGATGACGACGATAAG
TTTTAA

Protein Sequence:
>MR200776 protein sequence
Red=Cloning site Green=Tags(s)

TRTREPEQKILEEDLAAANDYKDSDKV

Restriction Sites: SgfI-MluI

This product is to be used for laboratory only. Not for diagnostic or therapeutic use.
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Cloning Scheme:

Plasmid Map:

ACCN: NM_010174

ORF Size: 402 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
<table>
<thead>
<tr>
<th>OTI Annotation:</th>
<th>This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.</th>
</tr>
</thead>
<tbody>
<tr>
<td>RefSeq:</td>
<td>NM_010174.2</td>
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<tr>
<td>RefSeq Size:</td>
<td>669 bp</td>
</tr>
<tr>
<td>RefSeq ORF:</td>
<td>402 bp</td>
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<tr>
<td>Locus ID:</td>
<td>14077</td>
</tr>
<tr>
<td>MW:</td>
<td>14.8 kDa</td>
</tr>
<tr>
<td>Gene Summary:</td>
<td>FABP are thought to play a role in the intracellular transport of long-chain fatty acids and their acyl-CoA esters. [UniProtKB/Swiss-Prot Function]</td>
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</tbody>
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