

## Product datasheet for **MC224625**

### Gpatch8 (NM\_001159492) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Gpatch8 (NM_001159492) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpatch8
Synonyms:	5430405G24Rik; AU018890; ENSMUSG00000075516; Fbm1; Gpatch8; mKIAA0553
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC224625 representing NM_001159492 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGGACCGCTTCTCCCGCTTCAACGAGGACCGAGACTTTAGGGTAATCACTTTGATCAGTATGAAG  
AAGGACACTTGGAGATTGAACAAGCATCCCTTGACAAGCCATAGAATCGGATAATATTGGACCCGCTT  
ACTCCAGAAACATGGGTGGAAGCTGGGCCAGGGATTGGGAAAATCTCTCAGGGGAGAACAGACCCTATT  
CCAATCGTTGTCAAGTATGATGTATGGGCATGGGTGCAATGGAATGGAGCTGGATTATGCCGAGGATG  
CTACCGAACGGCGTCTGTCTAGAAAGTAGAGAAAGAAGACACAGAAGAGCTGAGGCAGAAGTACAAGGA  
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TGTGATAAACAGTATCAGAAACATCAGGAATTTGACAACCACATCAATCTTATGATCATGCACACAAGC  
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TGTCGAAGTTGAAAAGGATGAAACGGGAAGAAGGAACAGGGGCTACAGAGCCAGAATATTACCCTACAT  
CCCCCAGCACACTGCAAGGTCAAACCTAATTTCCCTTCTTACTCTTTATGAGAGCCAGTGAACAGATG  
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CTCAGGCCACCCAGCAACAAAAGCAGGCCAGGGACCCAAGCATCCTACTGGTCCATTCTTTCCAGTTTT  
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 GCTCCATTTGGGCATCAGTTCTCAGAGGAAGCAGCTGGTCCCTTATCAGACCCTCCCCAGAAGAGCCAA  
 AGTCTGAAGAAGTACTGCTGATCACTCTGTGGCTCCGCTAGGCACCCAGCCACACTGACTGCTACCC  
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 AGTGGCAGTCAACCAGGCCCTGTGGAATCCAGTCTGCTGCCTATAGCCCCAGACCTTGAGCACTTCCCCA  
 ATTATGCACCTCCAGTGGGGAACCTAGTATTGAATCAACAGATGGGACTGAGGATGCCTCCTTGGCTCC  
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 CAGCAGCACATCCAGCAGCAGCTTCTGGCCAAACAAGTGAAGGCCTTCCAGCCTCCACCGCCCTAGCTC  
 CAGCCACACCAGCCCTGCAGCCATCCACATTAGCAGCCAGCCACAGCCTTCCACCTCCATCACCAC  
 TGTTCAGCATGCCATCTACAGCATCATGCTGCAGCCGCTGCTGCCGCCATTGGCATTACCCTCACCC  
 CACCCCTCAGCCGCTTGTCAAGTACATCATATTTCCAGCCCATCTAACCCCTATTTCTTTGTCCCATC  
 TCACTCACTCAATTATCCCTGGCCACCCTGCCACCTTTCTTGTAGCCACCCTATCCATATAAATCCTGC  
 CTCAGCCATCCATCCTGGGCCCTTACCTTTATCCCGTCCCACAGCTGCCCTTACCCACCCTGCTT  
 GCCCACGGCCTGCTGCAGCAGCTGCCACAGCCCTCCATCTTACCCACTGCTTACCCCATCTTCTCAG  
 GTCAGGACCTGCAGACCCTCCAGCCATGGGACTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001159492  
**Insert Size:** 4518 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001159492.1</a></u> , <u><a href="#">NP_001152964.1</a></u>
<b>RefSeq Size:</b>	6844 bp
<b>RefSeq ORF:</b>	4518 bp
<b>Locus ID:</b>	237943
<b>UniProt ID:</b>	<u><a href="#">A2A6A1</a></u>
<b>Cytogenetics:</b>	11 D- E1