

Product datasheet for MC208702

Hp (NM_017370) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hp (NM_017370) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hp
Synonyms: HP-; HP-1; pre; preHP2; zo
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC208702 representing NM_017370
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGAGAGCCCTGGGAGCTGTTGTCCTCTCTGCTCTGGGGTCACTTTTTGCTGTGGAGTTGGCAATG
 ATGCCATGGACTTTGAAGATGACAGCTGCCAAAGCCCCAGAGATTGCAAACGGCTATGTGGAGCACTT
 GGTTTCGCTATCGCTGCCGACAGTTCTACAGACTACGGGCCGAAGGAGATGGGGTGTACACCTTAAACGAC
 GAGAAGCAATGGGTGAACACAGTCGCTGGAGAGAACTCCCCGAATGTGAGGCAGTGTGTGGGAAGCCCA
 AGCACCCTGTGGACCAGGTGCAGCGCATCATCGGTGGCTCTATGGATGCCAAAGGCAGCTTTCTTGGCA
 GGCCAAGATGATCTCCCGCCACGGACTCACCACCGGGGCCACGTTGATCAGTGACCAGTGGCTGTGACC
 ACGGCCAAAAACCTTCTCCTGAACCACAGCGAGACGGCGTCAGCCAAGGACATCACCCCCACCCTAACGC
 TCTACGTGGGGAAAAACAGCTGGTGGAGATTGAGAAGGTCGTTCTCACCCCAACCACTCCGTGGTGGTA
 TATCGGGCTAATCAAACCAAGCAGAGGGTGCTTGTAAACCAGAGAGTGCATGCCTATCTGCCTGCCTTCC
 AAAGACTACATAGCACCAGGCCGTGTGGCTACGTGTCTGGCTGGGGCGGAACGCCAATTTAGATTTA
 CCGATCGTCTCAAGTATGTCATGCTGCCGTGGCCGACCAGGACAAGTGTGTGGTGCATATGAGAATAG
 TACAGTGCCCGAGAAGAAAACTTGACAGTCCCGTTGGGGTCCAGCCTATCTTGAACGACACACCTTC
 TGTGCTGGCCTACCAAGTACCAGGAAGACACCTGCTACGGTGACGCCGGCAGTGCCTTTGCCATTGATG
 ACATGGAGGAGACACCTGGTACGAGCTGGGATCCTGAGCTTTGACAAGAGCTGCGCTGTGCTGAGTA
 TGGTGTGTACGTGAGGGCGACCGACCTGAAGGACTGGGTTGAGGAACCATGGCCAAGAAC TAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_017370



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Insert Size:	1044 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).
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:	NM_017370.2 , NP_059066.1
RefSeq Size:	1365 bp
RefSeq ORF:	1044 bp
Locus ID:	15439
UniProt ID:	Q61646
Cytogenetics:	8 57.11 cM
Gene Summary:	<p>This gene encodes a plasma glycoprotein called haptoglobin that binds free hemoglobin. The encoded preproprotein undergoes proteolytic processing to generate alpha and beta subunits that form a disulfide-linked tetrameric protein that plays an important role in the sequestration and clearance of extracorporeal hemoglobin. Mice lacking the encoded protein exhibit stunted development of lymphoid organs associated with lower counts of mature T and B cells in the blood and secondary lymphoid compartments. [provided by RefSeq, Aug 2016]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).</p>