

Product datasheet for MC215715

Hpn (NM_001110252) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hpn (NM_001110252) Mouse Untagged Clone
Tag: Tag Free
Symbol: Hpn
Synonyms: Hlb32; Hlb320
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC215715 representing NM_001110252
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGAAGGAGGATGAGGAACCTGGGGCTCACAGAGGAGGTTCCACTTGTTCAGACCCCAACCTGGAA
 AGGGTGGCCGACTGCAGCATGCTGCTCCAGACCCAAGGTGGCAGCTCTCATTGTGGGTACCTGCTGTT
 CCTGACAGGCATTGGGGCCGCTCTGGGCCATTGTGACCATCCTACTGCAGAGTGACCAGGAGCCACTG
 TACCAAGTGCAGCTCAGTCCAGGGGACTCACGGCTTGGCGGTGTTGACAAGACGGAGGGAACGTGGAGGC
 TACTGTGCTCCTCAGCTCCAATGCCAGGGTGGCAGGGCTCGGCTGTGAGGAGATGGGCTTCTCAGGGC
 TCTGGCGCACTCGGAGCTGGATGTGCGCACTGCGGGCGCAACGGCACATCGGGCTTCTTTTGCCTGGAC
 GAGGGCGGACTGCCTCTGGCTCAGAGGTTGCTGGATGTCATCTCTGTATGTGACTGTCTAGAGGCCGAT
 TCCTGACTGCCACCTGCCAAGACTGTGGCCGAGGAAGCTGCCGGTGGACCGCATTGTGGGGGGCCAGGA
 CAGCAGTCTGGGAAGGTGGCCGTGGCAGGTCAGCCTGCCTTATGATGGGACCCACCTCTGTGGGGGTCC
 CTGCTGTCTGGGACTGGGTGCTGACTGCTGCACATTGCTTCCAGAGCGGAACCGGGTCTGTCTCGGT
 GGCGAGTATTGCTGGTGTGTAGCCCGGACCTCACCCATGCTGTGCAACTGGGGTTCAGGCTGTGAT
 CTATCATGGGGGTACCTTCCCTTCGAGACCCTACTATCGACGAAAACAGCAATGACATTGCCTTGCTC
 CACCTCTCTAGCTCCCTGCCTCTCACAGAATACATCCAGCCAGTGTGTCTCCCTGCTGCGGGACAGGCC
 TGGTGGATGGCAAGGTCTGTACTGTGACCGGCTGGGGTAAACACACAGTTCTATGGCCAACAGGCTATGGT
 GCTCCAAGAGGCCCGGTTCCCATCATAAGCAACGAAGTTTGCAACAGCCCCGACTTCTACGGGAATCAG
 ATCAAGCCCAAGATGTTCTGTGCTGGCTATCCTGAGGGTGGCATTGATGCGTGCCAGGGCGACAGTGGAG
 GCCCTTTGTGTGTAAGACAGCATCTCTGGGACATCAAGGTGGCGGCTATGTGGCATTGTAAGCTGGG
 TACGGCTGTGCTTTGGCCCGAAGCCAGGAGGTACACCAAAGTCACTGACTTCCGGGAGTGGATCTTC
 AAGGCCATAAAGACTCACTCCGAAGCCAGTGGCATGGTACTCAGCC**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001110252
Insert Size:	1311 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:	<u>NM_001110252.2</u> , <u>NP_001103722.1</u>
RefSeq Size:	1866 bp
RefSeq ORF:	1311 bp
Locus ID:	15451
UniProt ID:	<u>O35453</u>
Cytogenetics:	7 B1
Gene Summary:	<p>This gene encodes a type II transmembrane serine protease that may function in diverse processes, including regulation of cell growth. Deficiency in this gene results in hearing loss. The protein is cleaved into a catalytic serine protease chain and a non-catalytic scavenger receptor cysteine-rich chain, which associate via a single disulfide bond. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Jan 2013]</p> <p>Transcript Variant: This variant (1) represents the longest transcript and encodes isoform 1.</p>