

Product datasheet for MC208703

Hpn (NM_008281) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpn (NM_008281) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hpn
Synonyms:	Hlb32; Hlb320
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208703 representing NM_008281 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAAGGAGGGTGGCCGGACTGCAGCATGCTGCTCCAGACCCAAGGTGGCAGCTCTCATTGTGGGTA
CCCTGCTGTTCTGACAGGCATTGGGGCCGCTCCTGGGCCATTGTGACCATCCTACTGCAGAGTGACCA
GGAGCCACTGTACCAAGTGCAGCTCAGTCCAGGGGACTCACGGCTTGGGTGTTTGACAAGACGGAGGGA
ACGTGGAGGCTACTGTGCTCCTCAGCTCCAATGCCAGGGTGGCAGGGCTCGGCTGTGAGGAGATGGCT
TTCTCAGGGCTCTGGCGACTCGGAGCTGGATGTGCGCACTGCGGGGCCAACGGCACATCGGGCTTCTT
TTGCGTGGACGAGGGCGGACTGCCTCTGGCTCAGAGGTTGCTGGATGTCACTCTGTATGTGACTGTCTT
AGAGGCCGATTCTGACTGCCACCTGCCAAGACTGTGGCCGACAGGAAGCTGCCGGTGGACCCATTGTGG
GGGGCCAGGACAGCAGTCTGGGAAGGTGGCCGTGGCAGGTGAGCCTGCGTTATGATGGGACCCACCTCTG
TGGGGGTCCCTGCTGTCTGGGACTGGGTGCTGACTGCTGCACATTGCTTTCCAGAGCGGAACCGGGTC
CTGTCTCGGTGGCGAGTATTTGCTGGTGTGTAGCCCGGACCTCACCCCATGCTGTGCAACTGGGGTTC
AGGCTGTGATCTATCATGGGGTACCTTCCCTTTCGAGACCCTACTATCGACGAAAACAGCAATGACAT
TGCTTGGTCCACCTCTTAGCTCCCTGCCTCTACAGAATACATCCAGCCAGTGTGTCTCCCTGCTGCG
GGACAGGCCCTGGTGGATGGCAAGTCTGTACTGTGACCGCTGGGGTAACACACAGTTCTATGGCCAAC
AGGCTATGGTGTCCAAGAGGCCCGGGTCCCATCATAAGCAACGAAGTTTGCAACAGCCCGACTTCTA
CGGAATCAGATCAAGCCCAAGATGTTCTGTGCTGGCTATCCTGAGGGTGGCATTGATGCGTGCCAGGGC
GACAGTGGAGGCCCTTTGTGTGTAAGACAGCATCTCTGGGACATCAAGGTGGCGGCTATGTGGCATTG
TAAGCTGGGTACGGCTGTGCTTTGGCCCGAAGCCAGGAGTGTACACCAAAGTCACTGACTTCCGGGA
GTGGATCTTCAAGGCCATAAAGACTCACTCCGAAGCCAGTGGCATGGTACTCAGCCCTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	https://cdn.origene.com/chromatograms/ja1549_h03.zip
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_008281
Insert Size:	1251 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_008281.3 , NP_032307.2
RefSeq Size:	1770 bp
RefSeq ORF:	1251 bp
Locus ID:	15451
UniProt ID:	O35453
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 (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (2) is shorter than isoform 1.</p>