

Product datasheet for MR219749

Hpn (NM_008281) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hpn (NM_008281) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hpn
Synonyms:	Hlb32; Hlb320
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR219749 representing NM_008281 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCGAAGGAGGGTGGCCGGACTGCAGCATGCTGCTCCAGACCCAAGGTGGCAGCTCTCATTGTGGGTA
CCCTGCTGTTCTGACAGGCATTGGGGCCGCTCCTGGGCCATTGTGACCATCCTACTGCAGAGTGACCA
GGAGCCACTGTACCAAGTGCAGCTCAGTCCAGGGGACTCACGGCTTGGGTGTTTGACAAGACGGAGGGA
ACGTGGAGGCTACTGTGCTCCTCAGCTCCAATGCCAGGGTGGCAGGGCTCGGCTGTGAGGAGATGGCT
TTCTCAGGGCTCTGGCGACTCGGAGCTGGATGTGCGCACTGCGGGGCCAACGGCACATCGGGCTTCTT
TTGCGTGGACGAGGGCGGACTGCCTCTGGCTCAGAGGTTGCTGGATGTCATCTCTGTATGTGACTGTCT
AGAGGCCGATTCTGACTGCCACCTGCCAAGACTGTGGCCGACAGGAAGCTGCCGGTGGACCCATTGTGG
GGGGCCAGGACAGCAGTCTGGGAAGGTGGCCGTGGCAGGTGAGCCTGCGTTATGATGGGACCCACCTCTG
TGGGGGTCCCTGCTGTCTGGGACTGGGTGCTGACTGCTGCACATTGCTTTCCAGAGCGGAACCGGGTC
CTGTCTCGGTGGCGAGTATTTGCTGGTGTGTAGCCCGGACCTCACCCCATGCTGTGCAACTGGGGTTC
AGGCTGTGATCTATCATGGGGTACCTTCCCTTTGAGACCCCTACTATCGACGAAAACAGCAATGACAT
TGCTTGGTCCACCTCTTAGCTCCCTGCCTCTACAGAATACATCCAGCCAGTGTGTCTCCCTGCTGCG
GGACAGGCCCTGGTGGATGGCAAGGTCTGACTGTGACCGCTGGGGTAACACACAGTTCTATGGCCAAC
AGGCTATGGTGTCCAAGAGGCCCGGGTTCCCATCATAAGCAACGAAGTTTGCAACAGCCCGACTTCTA
CGGAATCAGATCAAGCCCAAGATGTTCTGTGCTGGCTATCCTGAGGGTGGCATTGATGCGTGCCAGGGC
GACAGTGGAGGCCCTTTGTGTGAAGACAGCATCTCTGGGACATCAAGGTGGCGGCTATGTGGCATTG
TAAGCTGGGTACGGCTGTGCTTTGGCCCGAAGCCAGGAGTGTACACCAAAGTCACTGACTTCCGGGA
GTGGATCTTCAAGGCCATAAAGACTCACTCCGAAGCCAGTGGCATGGTACTCAGCCC

ACGGTACGGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Reconstitution Method:

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_008281.4](#), [NP_032307.2](#)

RefSeq Size: 1770 bp

RefSeq ORF: 1251 bp

Locus ID: 15451

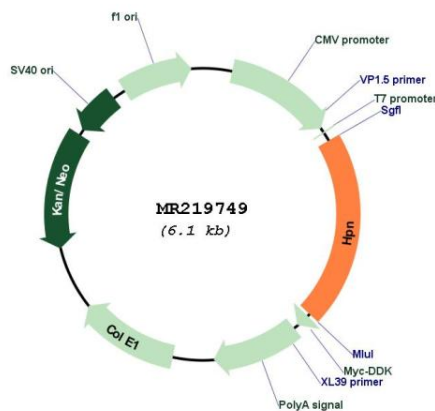
UniProt ID: [O35453](#)

Cytogenetics: 7 B1

MW: 45.2 kDa

Gene Summary: 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]

Product images:



Circular map for MR219749