

Product datasheet for RN214143

Hspe1 (NM_012966) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hspe1 (NM_012966) Rat Untagged Clone
Tag: Tag Free
Symbol: Hspe1
Synonyms: Cpn10
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN214143 representing NM_012966
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCTGGACAAGCTTTTAGGAAGTTTCTCCGCTATTTGACAGAGTATTGGTTGAAAGGAGTGCCGCTG
AAACTGTGACCAAAGGTGGCATTATGCTTCCAGAAAAGTCTCAAGGAAAAGTATTGCAAGCAACGGTCGT
GGCTGTGGGATCAGGCGGAAAGGAAAGGTGGAGAGATTAGCCTGTCAGTGTGAAAGTTGGAGATAAA
GTTCTTCTCCAGAACACGGAGGCACCAAAGTAGTACTAGACGACAAGGATTACTTCTTATTAGAGATG
CGGACATTCTTGAAAGTATGTCGACTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_012966

Insert Size: 309 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).



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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_012966.1](#), [NP_037098.1](#)

RefSeq Size: 680 bp

RefSeq ORF: 309 bp

Locus ID: 25462

Cytogenetics: 9q31

Gene Summary: stress-induced mitochondrial matrix protein and molecular chaperone [RGD, Feb 2006]