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Product datasheet for RN217448

Helq (NM_001014134) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Helq (NM_001014134) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Helq
Synonyms:	Hel308
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN217448 representing NM_001014134 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC ATGGAGGAAAGTTCTCCCCGCATCCGCCGGCGGGTGTCTCTCCGCAAAAGAAACCGCCGCAGCCTAGAGA GCCTCGGTGCTGCCCGGGCCCCAGCCGAGCTCCAGCCCGCCGAGGACACGGAGGACGAAGCTGCGGCTGG GAGCCGCCGGCGGAAAACCGGGAGCCCGGAGCCCGCCCAGGAAAATGACAGTGAAGAGGACATGTTTGGT GACTATAACAGCTTTTCAGAAAATTCCTTCTTAGCTCAAGTTGATGACCTGGAGCAGAAATATATACAAC TGCCTGACTGTGGGAGCCGAGGTACAGACTCCGGCACCAAAGACCTCTGTTCAGAAGGCCTCGGGAACAG CCTCAGTGTTCCTGCTGTAGATTTCACTGACTCTGAAACCAGAGAGTACATAAAGAAGCAGGGTGATCTA GATGTCCCTGTTGAGCCAGAGGTAGGAGGCGATCTTTCATTCGATATGCCTTCTTCTCAAATCTTATACT TTGAAAGTATGCAGAACTCCTCAAAAGATTTGGGTGATCAGTCCACCAAGGGAAGAGATGGGAAGTCATC GAATGAAGAATTGCATCATAGCCACAGAGAGCAACCCCAGCCAAAGAGCGACTTCTCTGACGTCGGCGGC TCCTCAGAGGCGAGCAGGAGGAGAAGTATCAAAGACTGCCTGAAAAGCGCCATGACTGGGAATGCCAGGG CCCAGACCCCAGCATTTCCCAGGAGTAAACAACTCAGGGAGACACTGCTGTCTGAGGAGATCAGCGTTGC TAGGAAAGCCATCGAGTCACCGTCAGATGATCTTGGTCCCTTTTATTCACTACCCAGCAAAGTGAGAGAC CTCTATGCTCAGTTGAAAGGAATCAAAAGACTATATGACTGGCAACATACTTGCTTAACGTTAAGTTCTG TGCAAGAAAGGAAAAATTTAATATACTCCTTGCCAACGAGTGGCGGAAAGACCCTTGTGGCCGAGATCTT AATGCTGCAGGAACTTCTCTGCCGACAGAAAGACGTTTTACTGATCCTTCCCTATGTGGCCATTGTGCAA GAAAAGATTTCCAGTTTGTCGAGTTTCGGTATAGAACTTGGTTTCTTTGTCGAAGAATATGCTGGCAGCA AAGGAAGATTTCCTCCAATTAAAAGGAGGGAAAAGAAGTCGCTGTACATCGCCACCATTGAGAAAGGGCA TAGCCTGGTGAACGCCTTGATTGAAACGGGAAGGATGGGCACTCTAGGCCTGGTTGTCGTCGATGAGTTG CACATGATTGGTGAGGGGAGCCGTGGTGCCACACTGGAGATGACCCTGGCCAAAGTCCTCTACACCAGCA AAACAACTCAGATTATCGGCATGAGTGCAACACTAAACAACGTAGAAGACCTACAGGCGTTCCTGAAAGC TGAGTATTACACCAGTCAGTTCAGACCAGTTGAATTAAAAGAATTCCTGAAAGTAAATGACACAATATAT

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GAGGTAGACAGCCGGGCTGTGGACGGCATGACCTTTTCACGGCTCCTGAATTATAAGTACTCCGATGCCC
TGAAGAAAGTGGACCCTGACCGCTTGGTAGCATTGGTGACAGAAGTCATCCCTAACTACTCCTGCCTGGT
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ATTTCTGTGAGGAGCTGGAGGAGTTTTGGGTTTACAAGGCCCTGTTGACGGAACTCACCAAGAAGCTGAC
GTACTGCGTGAAGGCGGAGCTAATCCCTCTCATGGAGGTGACAGGGGTCTTAGAGGGTCGAGCAAAACAG
TTATACAGCGCTGGTTACAGAAGTGTTGTGCACTTAGCCAATGCCAACCCAGAAGTGCTGGTGAAGACAA
TTGATCATCTGTCCAGACGCCAAGCCAAGCAGATTGTTTCCTCAGCCAAGATGCTGCTGCATGAAAAGGC
AGAGGCGTTGCAGGAAGAAGCAGAAGAGTTGCTGAGATTGCCTGCTGACCTCCCTGGGCTGGGGGGTCCC
GGCTCTGAAAGGGCAGGAAGCCATGCTGGGGACCTGGCTCTGCGATAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001014134

Insert Size: 3198 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).

OTI Annotation: Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.

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:
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_001014134.2, NP_001014156.2
RefSeq Size:	3728 bp
RefSeq ORF:	3198 bp
Locus ID:	360912
Cytogenetics:	14p22