

Product datasheet for MR222012

Hilpda (NM_001190461) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hilpda (NM_001190461) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Hilpda
Synonyms: 2310016C08Rik; AW049004; Hig2
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR222012 representing NM_001190461
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCCAGCGGACGTGCCCCAGGGCGAGCTCGTGCAGGATCTAGCAGCAGAAAGCAGCTCTACTTCCCTG
CAAAGGAGCTGGGCACCGTCGCCATGAAGTTCATGCTGAACCTCTATGTGCTGGGCATCATGTTGACCC
GCTTCCATCTTTGTTAGAGTGATGGAGTCTCTGGGAGGCTTACTGGAGAGCCACTGCCCGGGAGCTCC
TGGATCACGAGGGGTCAGCTAGCCAACACAGCCTCCTAAGGGCTGCCAGACCATCCATCCCGAGGAG
TGCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR222012 representing NM_001190461
Red=Cloning site Green=Tags(s)
MASGRAPGRARAGSSSRKQLYFPAKELGTVAMKFMLNLYVLGIMLTLLSIFVRVMESLGLLESPLPGSS
WITRQLANTQPPKGLPDHPSRGVQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_001190461

ORF Size: 285 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

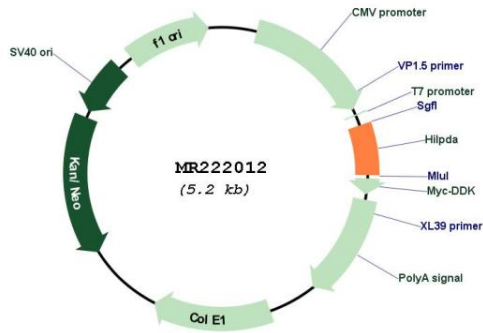
RefSeq: [NM_001190461.1](#), [NP_001177390.1](#)

RefSeq Size: 921 bp

RefSeq ORF: 288 bp

Locus ID: 69573
Cytogenetics: 6 A3.3
MW: 10.7 kDa
Gene Summary: Increases intracellular lipid accumulation. Stimulates expression of cytokines including IL6, MIF and VEGFA. Enhances cell growth and proliferation (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR222012