

Product datasheet for **MR224435**

Hunk (NM_015755) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hunk (NM_015755) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hunk
Synonyms:	Bstk1; Mak-v
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR224435 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGCGAGCGGCGGGGACGGGCTCTTGGCGAGCCGCGGCCACCGGGGGCGATGGAGCGCGGAGG
 ACACGACCAGGCCGGCGCGGCCCTGCGAGGGAAGTTTCTGCCCGCTGGGTGAGCGCGTGTCCCGCA
 GCGGCTCCGGACTTCCAGCACCAAGCGCGTGGCACTACCTCATCGGCAGCAGGAAGCTGGGAGAG
 GGCTCCTTCGCCAAGGTGCGCGAGGGGCTGACAGTGTGACGGGAGAAAAGGTAGCTATCAAGGTATCG
 ATAAGAAAAGAGCCAAGAAAGACACCTACGTCACCAAAAACCTGCGTCGAGAGGGGCAGATCCAGCAGAT
 GATCCGACACCCCAACATCACACAGCTCCTGGACATCTTGGAGACAGAGAACAGCTACTACCTGGTCATG
 GAGCTGTGCTCCTGGTGGCAACCTCATGCACAAGATCTACGAAAAGAAACGGTTGGATGAAGCCGAGGCC
 GCAGATACATCCGGCAACTCATCTGCGGTGGAACACCTGCACCGTGCGGGGTGGTTCACAGAGACTT
 GAAGATAGAGAATTTGCTACTAGATGAAGACAATAATATCAAGCTGATTGACTTTGGCTTGAGCAACTGT
 GCAGGGATCCTAGGTTACTCGGATCCATTACAGCACACAGTGTGGCAGCCCTGCCTATGCTGCGCCAGAAC
 TGCTTGCCAGGAAGAAATATGGCCCAAATTTGATGTCTGGTCAATAGGCGTGAACATGTATGCCATGCT
 GACGGGGACCCTACCTTTCACTGTGGAGCCTTTCAGCCTGAGGGCTCTGTATCAGAAGATGGTGGACAAA
 GCAATGAATCCCTGCCGACCCAGCTCTCCACAGGGGCGTCACTTTCTGCGCTCCCTCCTGGAACCGAG
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 GGTGCCCTGCAATGTACCTATCCCAACAGGATTTCTTTGGAAGACCTGAGTCCCAGCGTGGTGTGCAC
 ATGACTGAAAAGCTGGGCTATAAGAACAGTGACGTCATCAACACGGTGTCTCCAACCGCGCTGCCACA
 TCCTGGCCATCTACTTCTGTTGAACAAGAACTTGAGCGCTATTTGTCAGGGAAATCAGATATCCAAGA
 TAGCATCTGCTACAAGACCCAGCTCTACCAGATAGAGAAGTGCAGAGCCACCAAGGAGCCCTATGAGGCC
 TCCTGGATACCTGGACGAGGGACTTTGAATCCATGCTGTGCAGGATAAAAAGCCCAAAGAACAAGAAA
 AAAGAGGTGATTTTCTCCACCGTCCGTTTTCCAAGAAGTTGGACAAGAACCTGCCTTCTCACAAACAGCC
 ATCGCCCTCGTGATCACACAGCTCCAGAGTACCAAAGCCCTGCTCAAAGACAGGAAGGCCCTCAAGTCA
 GGCTTCCCGACAAAGATTCTTCTGCTGCGCAATCTTTCCGAAAACCTCTGATTCCAATTGTGTGG
 CTTCTTCTCCATGGAATTCATCCCTGTCCACCTCCCAGGACACCAAGGATTGTAAGAACTAGAGCC
 ACACCAACCAGGGCCGGGAAGTGCCAGCATCCTCCCAAGGAAGAGCCCTGCTGCTGGATATGGTACGC
 TCCTTTGAGTCTGTGGATCGAGAGGACCACATAGAAGTGTGTCCTTCTCACCATTATAGGATCCTGA
 GCTCGCCTGTGAGCCTGGCTCGTAGGAATCTAGTGAGAGGACACTCTCCAGGGGCTGCTGCCGGAAG
 TACCTCACCTCTCCAACTCCACTGCATTCCACGCTGGTCTCTTTTGCCACGAAGAAAAGAACAGCCCC
 CCGAAAGAGGAGGGTGTGTGTTACCGCCTCCCGTTCCAGTAATGGCCTCCTGCAGCCTCTGGGGAGCC
 CCAACTGTGTGAAGAGCAGGGGACGGTTCCCATGATGGGCATCGGACAGATGCTGAGGAAGCGGCACCA
 GAGCCTGCAGCCTTCTCAGAGAGGTCCCTGGACGCCAGCATGTCCCCTCTGCAGCCCATAGCCCCCTCC
 AGCCTCTCCTTTGACATGCCGACGGTGTCAAGGGCCAGTGT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR224435 protein sequence
 Red=Cloning site Green=Tags(s)

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MPAAAGDGLLGEPAAPGGDGAEDTTRPAAACEGSFLPAWVSGVSRERLRDFQHHKRVGNLYIGSRKLG
GSFAKVVREGLHVLGTGEKVAIKVIDKKRAKKTYYVTKNLRREGQIQMIRHPNITQLLDILETENSYYLVM
ELCPGGNLMHKIYEKKRLDEAEARRYIRQLISAVEHLHRAGVVHRDLKIENLLLEDNNIKLI DFGLSNC
AGILGYSDPFSTQCGSPAYAAPELLARKKYGPKIDVWSIGVNMAYMLTGLPFTVEPFLRALYQKMVVK
AMNPLPTQLSTGAVNFLRSLLEPDPVSRPNIQQALANRWLNENYTGKVPNCNVTYPNRSLEDLSPSVVLH
MTEKLGKNSDVINTVLSNRACHILAIYFLLNKKLERYLSGKSDIQSDICYKTQLYQIEKCRATKEPYEA
SLDTWTRDFEFHAVQDKPKKEQEKRGDFLHRPFSKKLDKNLPSHKQSPSLITQLQSTKALLKDRKASKS
GFPDKDSFVCRNLFKRTSDSNCAVSSMEFIPVPPRTPRIVKKLEPHQPGPGSASILPKEEPLLDMVR
SFESVDREDHIELLSPSHHYRILSSPVSARRNSSERTLSQGLLGGSTPLQTPHSTLVSAFHEEKNSP
PKEEGVCSPPVPVSNGLLQPLGSPNCVKSRRGFRPMMGIGQMLRKRHQSLQPSSESLDASMSPLQPIAPS
LSLFDMDAGVKGQC
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TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_015755

ORF Size: 2145 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_015755.1](#), [NM_015755.2](#), [NP_056570.1](#)

RefSeq Size: 5009 bp

RefSeq ORF: 2145 bp

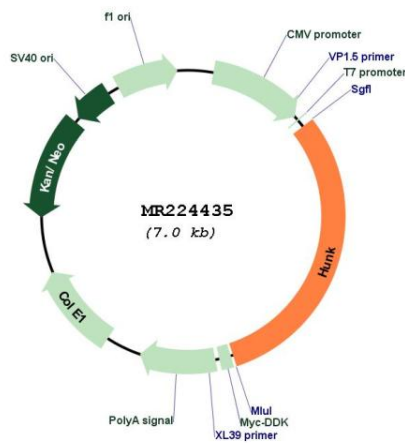
Locus ID: 26559

UniProt ID: [O88866](#)

Cytogenetics: 16 51.71 cM

MW: 79.6 kDa

Product images:



Circular map for MR224435