

Product datasheet for **MR207168**

Hnrnph2 (NM_019868) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hnrnph2 (NM_019868) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Hnrnph2
Synonyms:	DXHXS1271E; Ftp-3; Ftp3; H'; HNRNP; Hnrph2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR207168 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGCTGAGCACAGAGGGCAGGGAGGGGTTCTGTGGAAGGTCAGGGGCTACCTGGTCTGCTCAG
 CCGAGGAAGTGATGCGCTTCTTCTCTGATTGCAAATCCAAAATGGCACATCAGGTGTTCTTCATCTA
 CACCAGAGAAGGCAGACCGAGTGGTGAAGCATTGTGCAACTGAATCTGAAGATGAAGTAAATTGGCT
 TAAAGAAAGACAGAAAACCATGGGACACAGATGTTGAAGTATTCAAATCCAACAGTGTGAAATGG
 ATTGGGTGTTAAAGCATAACAGTCCAAATAGTCTGATACTGCCAATGATGGTTTTGTACGACTCAGAGG
 ACTCCCATTTGGCTGTAGCAAGGAAGAAATTTTCAGTCTTTTTCAGGGTTGAAATTTGCCAAATGGG
 ATGACTGTCAGTGGACTTTTCAGGGCGGAGCACAGGGGAAGCTTTTGTGCAGTTTGTTCACAGGAGA
 TAGCTGAGAAGGCCTTAAAGAAACACAAGGAAAGAATAGGGCATAGGTACATCGAAATCTTCAAGAGTAG
 CCGAGCTGAAGTCCGAACCCACTATGATCCACCTAGAAAAGCTCATGACTATGCAGCGCCCGGGTCTTAC
 GATAGGCCAGGGGCTGGAAGAGGGTATAATAGCATTGGCAGAGGAGCCGGGTTTGAAGAATGAGGCCGGG
 GTGCCATGTTGGTGGAGGGTATGGAGGCTATGATGACTATGGAGGTTATAATGACGGGTATGGTTTTGGGTC
 TGATAGATTTGGAAGAGACCTAAACTACTGTTTCTCAGGAATGTCTGATCATAGATATGGAGATGGTGGG
 TCCAGTTTCCAGAGCACCACGGGCACTGTGTACATATGAGGGGGTTACCATACAGAGCCACCGAGAATG
 ATATTTACAATTTTTTCTCACCTCTTAATCCCATGAGAGTGCACATTGAAATAGGACCTGATGGAAGAGT
 TACTGGTGAGGCAGATGTTGAGTTTGTACTCATGAAGACGCTGTGCCAGCTATGGCAAAAGATAAAGCA
 AATATGCAACACAGATATGTGGAGCTCTTCTTGAATCTACCGCAGGGACAAGTGGAGGAGCTTATGATC
 ATAGCTATGTAGAGCTCTTTTTGAATTTACAGCAGGGCAAGTGGTGGTCTTACGGTACCCAGATGAT
 GGGAGGGATGGGTTTATCCAACCAAGTCTAGTTATGGAGGTCGGCCAGCCAGCAGCTGAGTGGTGGCTAT
 GGAGGGGTTATGGTGGTCAAGAGCAGTATGAGTGGATATGACCAAGTTCTTCAGGAAAACCAAGTACT
 ATCAGTCAAACCTTGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR207168 protein sequence
 Red=Cloning site Green=Tags(s)

MMLSTEGREGFVVKVRGLPWSCSAEEVMRFFSDCKIQNGTSGVRFIYTREGRPSGEAFVELESEDEVKLA
 LKKDRETMGHRYVEVFKSNSVEMDWLKHGPNPDTANDGFVRLRGLPFGCSKEEIVQFFSGLIIVPNG
 MTLPVDFQGRSTGEAFVQFASQIEAEKALKKHKERIGHRYIEIFKSSRAEVRTHYDPPRKLMTMQRPGPY
 DRPGAGRGYNSIGRGAGFERMRRGAYGGYGGYDDYGGYNDGYGFGSDRFGRDLNYCFSGMSDHRYGDGG
 SSFQSTTGHCVHMRGLPYRATENDIYNFFSPLNPMRVHIEIGPDGRVTGEADVEFATHEDAVAAMAKDKA
 NMQHRYVELFLNSTAGTSGGAYDHSYVELFLNSTAGASGGAYGSQMMGMGLSNQSSYGGPASQQLSGGY
 GGGYGGQSSMSGYDQVLQENSSDYQSNLA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_019868

ORF Size: 1350 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_019868.4](#)

RefSeq Size: 2364 bp

RefSeq ORF: 1350 bp

Locus ID: 56258

UniProt ID: [P70333](#)

