

Product datasheet for RN200176

Hyou1 (NM_138867) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hyou1 (NM_138867) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Hyou1
Synonyms:	Cab140; Orp150
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN200176 representing NM_138867 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGCTACAGTAAGGAGGCAGAGGCCAAGGAGGCTACTCTGTTGGGCCTTGGTGGCTGTCCTCTTGG
CAGACCTGTTGGCACTGAGTGACACACTGGCTGTGATGTCTGTGGACCTGGCAGTGAATCCATGAAGGT
GGCCATTGTCAAGCCTGGAGTGGCCATGGAGATTGTATTGAACAAGGAATCTCGGAGGAAAACCTCCGGTG
ACTGTGACCTTGAAGGAAAACGAAAGGTTTCTAGGTGACAGTGCAGCTGGCATGGCCATCAAGAACC
AGGCTACGCTCCGTTATTTCCAGCACCTCCTTGAAAAGCAGGCAGATAAACCCTCATGTGGCTCTTTACCG
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CAGCTGCAGTTCTCTCCCGAGGAGGTGCTGGGCATGGTTCTCAACTACTCCCGTTCCCTGGCTGAAGATT
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CTCAGCTATGGTGTCTTCCGCCGAAAGATATCAATCCACTGCACAGAATATCATGTTCTATGACATGG
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TTCAACTTTCACATCAACTACGGTGACCTGGGCTTCTGGGGCCTGAGGATCTTCGGGTATTTGGCTCCC



AGAATCTGACCACAGTAACTAAAAGGTGTGGGAGAGAGCTTCAAGAAATATCCTGACTATGAGTCCAA
 AGGCATCAAGGCCACTTTAACCTAGACGAGAGTGGAGTGCTCAGTTTAGACAGGGTGGAGTCCGTATTC
 GAGACCTGGTGGAGGACAGCCAGAGGAAGAGTCTACTTTACCAAACCTGGCAACACCATTTCCAGCC
 TGTGGCGGTGGTACCTCATCAGATGCCAAAGAGAATGGTACTGATGCTGTACAGGAGGAGGAGAG
 CCCTGCTGAGGGGAGCAAGGATGAGCCTGCAGAACAGGGGAACTCAAGGAGGAAGCTGAAGCCCAATG
 GAGGATACCTCCCAGCCTCCACCCTCTGAGCCTAAGGGGGATGCAGCCCGTGAGGGAGAAACACCTGATG
 AAAAAGAAAGTGGGGACAAGTCTGAGGCCAGAAAGCCCAATGAGAAGGGCAGGCAGGGCCTGAGGGTGT
 CCTCCAGCTCCCGAGGAAGAAAAAGCAGAAACCTGCCGGAAGCAGAAAATGGTGGAGGAGATAGGT
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 TTCAAAGACATCGAGGCCAAAATGATGGCCCTGGACCGGGAGGTGCAGTATCTACTCAATAAGGCCAAG
 TTTACTAAACCCCGGCCACGGCCCAAGGACAAGAATGGCACCCGGACAGAGCCTCCCTCAATGCCAGTG
 CTGGTGACCAAGAGGAAAAGTCAATCCACCTACAGGCCAGACTGAAGAGGCGAAGCCCATCTTAGAAC
 TGACAAAGAGACTGGTACAGAGCCAGCAGACTCTGAGCCTCTGGAATTAGGAGGTCTGGTGCAGAACT
 GAACAGGCAGAGCAGACAGCAGGCCAGAAGCGGCTTTGAAGAATGATGAGCTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_138867
- Insert Size:** 2997 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).
- 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_138867.2](#), [NP_620222.2](#)
- RefSeq Size:** 4498 bp
- RefSeq ORF:** 2997 bp
- Locus ID:** 192235

UniProt ID: [Q63617](#)

Cytogenetics: 8q22

Gene Summary: a stress protein induced by hypoxia [RGD, Feb 2006]