

Product datasheet for RN217402

Hyou1 (NM_001034028) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Hyou1 (NM_001034028) 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: >RN217402 representing NM_001034028
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCAGCTACAGTAAGGAGGCAGAGGCCAAGGAGGCTACTCTGTTGGGCCTTGGTGGCTGTCCTCTTGG
 CAGACCTGTTGGCACTGAGTGACACACTGGCTGTGATGTCTGTGGACCTGGCAGTGAATCCATGAAGGT
 GGCCATTGTCAAGCCTGGAGTGCCCATGGAGATTGTATTGAACAAGGAATCTCGGAGGAAAACCTCCGGTG
 ACTGTGACCTTGAAGGAAAACGAAAGGTTTCTAGGTGACAGTGCAGCTGGCATGGCCATCAAGAACC
 AGGCTACGCTCCGTTATTTCCAGCACCTCCTTGAAAAGCAGGCAGATAAACCCTCATGTGGCTCTTTACCG
 GTCCCCTTTCCAGAACATGAGCTCAATGTTGACCCACAGAGGCAGACTGTGCGCTTCCAGATCAGTCCG
 CAGCTGCAGTTCTCTCCCGAGGAGGTGCTGGGCATGGTTCTCAACTACTCCCGTTCCCTGGCTGAAGATT
 TTGCAGAACAACTATTAAGGATGCAGTGATCACCGTGCCAGCCTTTTCAACCAGGCCGAGCGCCGAGC
 GTGCTGCAGGCTGCTCGTATGGCTGGCCTCAAGGTGCTGCAGCTCATCAATGACAACACTGCCACAGCC
 CTCAGCTATGGTGTCTTCCGCCGAAAGATATCAATCCACTGCACAGAATATCATGTTCTATGACATGG
 GCTCGGGCAGCACTGTGTACCATCGTGACCTACCAAACGGTGAAGACTAAGGAGGCTGGGAGCCGAGCC
 ACAGCTACAGATCCGGGGCGTGGGATTTGACCGCACCTGGGTGGCCTGGAGATGGAGCTTCGGCTGCGA
 GAGCACCTGGCTAAGCTCTTCAATGAGCAGCGCAAGGGCCAGAAAGCCAAAGGATGTTCCGGAAAAACCCC
 GAGCCATGGCCAAACTGCTTCGGGAAGCCAATCGGCTTAAAACCGTCTGAGTGCCAATGCTGATCACAT
 GGCACAGATTGAAGGCTTGATGGACGATGTGGACTTCAAGGCAAAAGTAACTCGAGTGGAGTTTGAGGAG
 CTGTGTGACAGATTTGTTTGTGAGTGCCTGGGCCTGTACAGCAGGCCCTGCAGAGTGTGAGATGAGCC
 TGGATCAAATTGAGCAGGTGATCCTGGTGGTGGGGCCACTCGTGTCCCAAAGTTCAAGAGGTGCTGCT
 GAAGGCTGTGGCAAGGAGGAAGTAAAGAAAGCAATCAATGCCGATGAAGCAGCTGCCATGGGGCCGCTG
 TACCAGGCAGCGCACTGAGCAAAGCCTTCAAAGTGAAGCATTGTTGTGCGTGTGCTGTTATTTACC
 CCATCCTGGTGGAGTTCACAAGGAGGTGGAGGAGGAGCCTGGGCTTCGAAGCCTGAAGCACAATAAACG
 TGTGCTCTTCCCGAATGGGGCCCTACCTCAGCGCAAAGTCATCACCTTAAACCGATACAGCCATGAT
 TTCAACTTTCACATCAACTACGGTGACCTGGGCTTCTGGGGCCTGAGGATCTTCGGGTATTTGGCTCCC



[View online >](#)

AGAATCTGACCACAGTAACTAAAAGGTGTGGGAGAGAGCTTCAAGAAATATCCTGACTATGAGTCCAA
AGGCATCAAGGCCACTTTAACCTAGACGAGAGTGGAGTGCTCAGTTTAGACAGGGTGGAGTCCGTATTC
GAGACCTGGTGGAGGACAGCCAGAGGAAGAGTCTACTCTTACCAAACCTGGCAACACCATTTCCAGCC
TGTTTGGCGGTGGTACCTCATCAGATGCCAAAGAGAATGGTACTGATGCTGTACAGGAGGAGGAGAG
CCCTGCTGAGGGGAGCAAGGATGAGCCTGCAGAACAGGGGGAACCAAGGAGGAAGCTGAAGCCCAATG
GAGGATACCTCCCAGCCTCCACCCTCTGAGCCTAAGGGGGATGCAGCCCGTGAGGGAGAAACACCTGATG
AAAAAGAAAGTGGGACAAGTCTGAGGCCAGAAAGCCCAATGAGAAGGGGCAGGCAGGGCCTGAGGGTGT
CCCTCCAGCTCCCGAGGAAGAAAAAAGCAGAAACCTGCCCGAAGCAGAAAAATGGTGGAGGATAGGT
GTGGAAGTGGCTGTCTTGACCTGCCAGACTTGCCAGAGGATGAGCTGGCCCATTCCTGCAGAAACTTG
AGGACTTGACCCTGCGAGACCTTAAAAGCAGGAGAGGGAGAAAGCTGCCAACAGCTTAGAAGCTTTTAT
CTTTGAGACCCAGGACAACTGTACCAACCTGAGTACCAGGAAGTGCCACTGAGGAACAACGGGAGGAG
ATCTCTGAAAACCTCAGTGCCACTTCTACCTGGCTGGAGGATGAGGGATTTGGAGCCACCCTGTGATGT
TGAAGGACAAGCTGGCTGAGCTGAGAAAGCTGTGCCAAGGGCTGTTTTTCGGGTGGAAGAGCGCAGGAA
ATGGCCAGAGCGGCTTTCAGCTCTGGATAATCTCCTCAATCACTCCAGCATTTTCCTCAAGGGTGCCCGA
CTCATCCAGAGATGGACCAGATCTTCACTGACGTGGAGATGACAACGTTGGAGAAAGTCATCAATGACA
CCTGGACCTGGAAGAATGCAACCCTGGCCGAGCAGGCCAAGCTTCTGCCACAGAAACCCGTGCTGCT
TTCAAAAGACATCGAGGCCAAAATGATGGCCCTGGACCGGGAGGTGCAGTATCTACTCAATAAGGCCAAG
TTTACTAAACCCCGGCCACGGCCCAAGGACAAGAATGGCACCCGGACAGAGCCTCCCTCAATGCCAGTG
CTGGTGACCAAGAGGAAAAGGTCAATCCACCTACAGGCCAGACTGAAGAGGCGAAGCCCATCTTAGAAC
TGACAAAGAGACTGGTACAGAGCCAGCAGACTCTGAGCCTCTGGAATTAGGAGGTCTGGTGCAGAACT
GAACAGGCAGAGCAGACAGCAGGCCAGAAGCGGCTTTGAAGAATGATGAGCTGTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001034028
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).
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:	<ol style="list-style-type: none">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:	<u>NM_001034028.1</u> , <u>NP_001029200.1</u>
RefSeq Size:	4346 bp

RefSeq ORF: 2997 bp
Locus ID: 192235
Cytogenetics: 8q22
Gene Summary: a stress protein induced by hypoxia [RGD, Feb 2006]