

Product datasheet for **RN208449**

Ahsg (NM_012898) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ahsg (NM_012898) Rat Untagged Clone
Tag: Tag Free
Symbol: Ahsg
Synonyms: Aa2-066; pp63
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN208449 representing NM_012898
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGAAGTCCCTGGTCTGCTCCTTTGTTTTGCTCAGCTCTGGAGCTGCCAATCAGCTCCACAAGGTGCAG
GGCTGGGTTTTTCGAGAATTGGCTTGTGATGACCCGAAACAGAGCATGTAGCTTTGATAGCCGTGCACTA
CCTCAATAAACATCTTCTCAGGGATTCAGGCAGATCTTGAATCAGATTGACAAAGTCAAGGTGTGGTCT
CGGCGGCCCTTCGGACAGGTGTATGAGTTGGAAATTGACACGCTGGAGACAACCTGCCACGCTCTGGACC
CAACCCCTTAGCAAATTGTTCTGTGAGGCAACAGGCCGAGCATGCGGTGGAGGGGAGACTGTGACTTCCA
CATCCTGAAACAAGATGGCCAGTTCAGGGTGTACACGCCAGTGTCAATCCACACCAGACTCTGCAGAG
GACGTTTCGGAAGTTTTGCCACGATGCCAATCCTGATCCGGTTCATGACACCAACGTGGTCCACACTG
TCAAACTGCCCTGGCTGCCTTCAATGCACAGAATAATGGAACCTATTTAACTGGTGGAGATTTCCCG
AGCTCAAATGTGCCTTTCCCGGTGTCTACTCTCGTGGAGTTTGTGATAGCTGCGACTGACTGTACTGGT
CAGGAGGTCACAGATCCAGCCAAATGCAACCTGCTGCCAGAAAAGCAATATGGCTTCTGCAAGGCCGACTC
TCATCCACAGACTTGGTGGGAAGAGGTTTCAGTGGCCTGCAAGTTATTCAGACACACCCAGCCAGCAGC
CAATGCCAACCTGCAGTCTGCACCCACAGTGGGCCAAGCTGCGCCTGTAGCCCAACAGCTGGCCCA
CCTGAATCCGTGGTGGTAGGACCCGTGGCAGTTCCTCTAGGACTTCCAGACCACCGAACCACCATGACC
TACGGCATGCCTTCTCTCTGTGGCTTCTGTGGAGTCGGCCTCAGGAGAAGTTCTTCACTCACCTAAGGT
GGGCCAGCCTGGTACGCTGGTGTCTGGCCAGTGGCCCCCTGTGCCAGGGAGAGTCAGATACTTC
AAGAT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_012898



Insert Size:	1059 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:	<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_012898.4</u> , <u>NP_037030.1</u>
RefSeq Size:	1490 bp
RefSeq ORF:	1059 bp
Locus ID:	25373
UniProt ID:	<u>P24090</u>
Cytogenetics:	11q23
Gene Summary:	inhibits insulin receptor tyrosine kinase activity; may be involved in bone mineralization and immune response [RGD, Feb 2006]