

Product datasheet for RN206312

Aga (NM_001031641) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aga (NM_001031641) Rat Untagged Clone
Tag: Tag Free
Symbol: Aga
Synonyms: MGC112709
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN206312 representing NM_001031641
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCGCGGAAGTGAATCTCCCTTTCTCTCCTGCCGCTCGTTCTGGGTATACCCCTGGTGCGGGGCT
CCAACCCTCTACCCTGGTCGCAACACTTGGCCTTTAAGAATGCCACCGAAGCAGCGTGGTGGACATT
AGTGTCTGGAGGTTCTGCCCTGGATGCGGTGGAGAAGGGCTGTGCTATGTGTGAAAAGGAGCAATGTGGT
GGTACTGTAGGCTTTGGAGGAAGTCCTGATGAAGTTGGGGAAACCACCCTGGATGCCATGATCATGGATG
GCACTGCTATGGATGTGGGAGCAGTGGGAGGCCTTAGAAGAATAAAAATGCTATTGGAGTGGCTCGGAA
AGTCTTGGAGCATACCACGCACACGCTTTTAGTGGGGACTCAGCCACCAAGTTTGTGTAAGTATGGGG
TTTACCAGTGAGGACTTATCTACCAATACCTCAAGAGCTTTCATTTCAGATTGGCTTTCTCGAAACTGCC
AGCCAAATTTGGAGAAACGTTATACCAGATCCTTCAAATACTGTGGACCCTACAAACCACCTGATTT
CTTAGAGCAGAATAACCGTGGCCACAAAGAAGTGGATATCCACAGTCATGATACTATTGGCATGGTTGTA
ATCCATAAGACGGGACATACTGCTGCTGGCACATCTACAAATGGTTTAAAATTCAAATACTGGTCTGTG
TAGGAGACTACCAATCCCTGGAGCTGGAGCCTATGCTGATGACATGGCTGGAGCAGCTGCGGCCACTGG
AGATGGTGACACACTCTGAGATTTCTGCCAAGCTACCAAGCTGTAGAATATATGAGAGGAGGAGATGAT
CCAGCCAGAGCTTGCCAAAAAGTATTTCAAGAATTCAGAAATATTATCCAAAATTTCTTTGGAGCTGTTA
TATGTGCCAATGTGACAGGAAGTTATGGTGTGCTGCTGCAACAGACTTCCAACATTTACTCAATTTAGTTT
CATGGTTTATAACTCTCTACACAATCAGGCGATTGAAGAAAAAGTAGACTGCAT**GTAA**

ACGGTACGGCGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001031641



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Insert Size:	1038 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_001031641.1</u> , <u>NP_001026811.1</u>
RefSeq Size:	1215 bp
RefSeq ORF:	1038 bp
Locus ID:	290923
UniProt ID:	<u>P30919</u>
Cytogenetics:	16p11
Gene Summary:	Cleaves the GlcNAc-Asn bond which joins oligosaccharides to the peptide of asparagine-linked glycoproteins.[UniProtKB/Swiss-Prot Function]