

Product datasheet for RR215219

Asgr2 (NM_017189) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Asgr2 (NM_017189) Rat Tagged ORF Clone
 Tag: Myc-DDK
 Symbol: Asgr2
 Synonyms: MGC108546
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 ORF Nucleotide Sequence: >RR215219 representing NM_017189
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAAGGACTTTCAAGATATCCAGCAGCTGGACTCTGAGGAAAACGACCATCAGCTCATTGGCGATG
 AGGAACAAGGCTCTCATGTGCAGAATCTTAGGACAGAAAATCCACGTTGGGGAGGACAGCCTCCTCCAG
 GCCCTTCCACAGCGCCTCTGCTCTAAGTTCGCCTCAGTCTGCTCGCCCTGGCCTTCAACATTCTCCTG
 CTGGTGGTCATCTGTGTGGTTTCATCCCAAAGCATGCAGCTGCAAAGGAGTTCTGGACCCTGAAAGAAA
 CCTTGAGCAACTTCTCCACCACCACCCTGATGGAGTTCAAGGCTCTGGACTCCCACGGAGGTAGCAGGAA
 TGACAACCTTGACTTCTTGGGAAACCATACTGGAGAAAAAGCAGAAGGACATAAAAAGCAGATCACTCCACG
 CTGCTCTTCCACCTGAAGCACTTCCCCCTGGATCTGCGAACCCCTGACCTGTGAGCTGGCGTTCTTCTGA
 GCAACGGCACAGAATGCTGCCCGTTAACTGGGTGGAGTTTGGTGGAAAGCTGCTACTGGTTTTCTCGGGA
 TGGGCTCACCTGGGCTGAGGCTGACCAGTACTGCCAAATGGAGAATGCCCATCTGCTGGTCATCACTCC
 AGGGAGGAGCAGGAATTCGTTGTAAGCACAGGGGCGCTTTCACATTTGGATAGGTCTCACCGACAAGG
 ATGGCTCCTGAAATGGGTGGATGGGACGGAATATAGAAGTAACCTCAAGAATTGGGCTTCACTCAGCC
 AGATAACTGGCAGGGCCATGAAGAGGGGGAAGTGAAGACTGTGCTGAAATCCTGTCAGATGGCCTCTGG
 AATGACAACTTCTGCCAGCAGGTGAACCGCTGGGCTTGTGAAAGGAAACGGGACATCACCTAC

ACGCGTACGCGGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215219 representing NM_017189
Red=Cloning site Green=Tags(s)

MEKDFQDIQQLDSEENDHQLIGDEEQGSHVQNLRTENPRWGGQPPSRPFPQRLCSKFRLSLLALAFNILL
 LVVICVSSQSMQLQKEFWTLKETLSNFTTTLMFKALDSHGGSRDNLTSWETILEKKQKDIKADHST
 LLFHLKHFPDLRLTLCQLAFFLSNGTECCPVNWVEFGGSCYWF SRDGLT WAEADQY CQ MENAHL L VINS
 REEQEFVVKHRGAFHIWIGLTDKDGSKWVDGTEYRSNFKNWAFTQPDNWQGH EEGS EDCAEILSDGLW
 NDNFCQQVNRWACERKR DITY

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2619_a04.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_017189

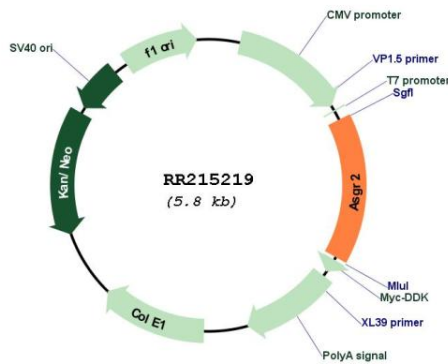
ORF Size: 903 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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_017189.2](#), [NP_058885.1](#)
- RefSeq Size:** 1384 bp
- RefSeq ORF:** 906 bp
- Locus ID:** 29403
- UniProt ID:** [P08290](#)
- Cytogenetics:** 10q24
- MW:** 35.5 kDa
- Gene Summary:** may bind carbohydrate; may act as a glycoprotein receptor [RGD, Feb 2006]

Product images:



Circular map for RR215219