

Product datasheet for **RN204704**

Asz1 (NM_130750) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Asz1 (NM_130750) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Asz1
Synonyms:	Gasz
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN204704 representing NM_130750
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGGCGCGGCCACGCTGAGGGCTTGGCAGTGGCTGGTGGAGGCGAGAGCAGCGATAGTGAGGATGACG
 GCTGGGATATTGGGTATCTCGACCGGTCTCTCAGAAATTAAGGTCTTTACCGTTGAAGAGAAGAA
 CGAAACATTCAAGAAAGCACTGACCACCGGAGATATTCCTTAGTGAAGGAACTCTGGATTCTGGCATT
 AATGTAGATTCCAGCTTCCGCTATGGATGGACCCCTTTATGTATGCAGTAGTGTGGCCATGTAGAGC
 TGGTTCGGTTCCTTTGGACAGGGTGCTAATGCAAGCTTTGATAAGGACAAGTTAACCGTTTGTAAAC
 TGCTTGCTCTGCTCGTGGCTCAGAGGAACAAGTCTTGAAGTGTGTAGAGTTACTACTTTCACGAAATGCG
 GATCCTAATGTTGCTTGTAGGAGACTTATGACTCCAATCATGTATGCTGCCCGAGATGGTCATACTCAGG
 TCGTTGCTCTGCTTGTGCTCATGGAGCAGAAGTCAACGCCCGAGGATGAGAATGGTTATACTGCCTTAAC
 ATGGGCAGCACGCGCAGGGTCATAAAATGTAATTCTGAAGTTGCTTGAAGTGGAGCTAATAAAATGCTA
 CAGACCAAGATGGCAGGACACCAAGTGAGATTGCAAAAAGAAATAAACATCTTGAGATCTTCAACTTTC
 TTTCTCTGACTCTAAATCCACTGGAAGGAAACTCCAGCAGCTAACCAAGAAGAGACTATTTGTAAGT
 GTTGGCCACAGACTCTGATAAAGAAAAAGATCACATATTTAGTCCATATACAGCGTTTGGAGATCTGGAG
 ATATTTTACATGGCCTTGGACTGGAACATATGACAGACTTATTAAGGAAAGGGATATACTTTAAGAC
 ACCTTCTGACCATGAAGAAAGACGAGCTTACAAGAATGGAATTACAAGTAAAGATCAACAGAAAATTTT
 GGCTGCTCTTAAGGAAGTAGAAGTAGAAGATAAATTTTGGAAATTAAGTGAAGTGGCAAGTTGGA
 ATAGTGGCGATGAGTTCTCACTTTCTTTGAAGTTAATAAGCAGTGTGGCCATTTAATCACAGCTG
 TGCAGAAATCATTACCGAGTTACCTGTGAATTCACAAGATAGTACTGGAGTGGGCTTACCCAGAAA
 TTTTACTTCAGTTTGTGAAGAAGTGGTTAGTAATGTTGAAGATTGAATGAAGAGGTCTGCAGACTGAAG
 GAGTTGATTGAGAAGATGAGAATGAACGGGAAATGATCCAAGTACATCCCACTAGTAGAAGAGGTGT
 CTCCATGGAAGACTCGGATTTTGAAGAGGTGAGCAGTTACAGTATGTGGATTCGGGCTGCTGCTTTTCAT
 CTGCAAGCTAACTTTCCAGAGAAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_130750
- Insert Size:** 1428 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_130750.1, NP_570106.1

RefSeq Size: 1725 bp

RefSeq ORF: 1428 bp

Locus ID: 170578

Cytogenetics: 4q21

Gene Summary: may mediate protein-protein interactions during germ cell maturation in both males and females and during preimplantation embryogenesis [RGD, Feb 2006]