

Product datasheet for **RN209205**

Asip (NM_052979) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Asip (NM_052979) Rat Untagged Clone
Tag: Tag Free
Symbol: Asip
Synonyms: ASP
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN209205 representing NM_052979
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGATGTCACCCGCCTACTCCTGGCCACCCTCGTGGGCTTCTGTGCTTCTCACCGTCCACAGCCACC
TGGTATTTGAGGAGACGCTTGGAGATGACAGGAGTCTAAAGAGCAACTTCCATCAACTACTGGATTT
CTCCTCTGTTTCCATTGTGGCACTGAACAAGAAATCCAAGAAGATCAGCAGAAAAGAAGCGGAGAAGCGG
AAGAGGTCTTCCAAGAAAAGGCTTCGATAAAGAAGGTGGCACGGCCCCGCCACCTTCGCCTGCGTGG
CCACCCGCGACAGCTGCAAGCCGCTGCGCCCGCTGCTGCAACCCGTGCGCCTCCTGCCAGTGCCGTTT
CTTCGGCAGCGCTGCACTTGCCGCGTACTCAACCCCAACTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_052979

Insert Size: 396 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).



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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_052979.2](#), [NP_443211.1](#)

RefSeq Size: 713 bp

RefSeq ORF: 396 bp

Locus ID: 24152

UniProt ID: [Q99JA2](#)

Cytogenetics: 3q41

Gene Summary: This gene is involved in hair pigmentation. In several strains (ACI, IS, LEA, LEC, NER, and WKAH) this gene encodes a functional protein while in others (BN, BUF, DON, F344, SD, SHR, TM, WKY, and WTC) it lacks a 19 nt indel and is non-protein coding. [provided by RefSeq, Apr 2015]

Transcript Variant: This variant (1, coding) represents the protein-coding allele.