

Product datasheet for **RN207562**

Aspa (NM_024399) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aspa (NM_024399) Rat Untagged Clone
Tag: Tag Free
Symbol: Aspa
Synonyms: MGC93407; MGC93408
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >RN207562 representing NM_024399
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGACTTCTTGTGTTGCTGAAGAACCTATTA AAAAGATTGCCATCTTCGGAGGGACTCATGGAAATGAAC
TGACTGGAGTGTTTCTAGTTACTCACTGGCTAAAGAATGGCGCTGAAGTTCACAGAGCAGGGCTGGAAGT
GAAGCCATTCACTACCAACCCAAGAGCGGTGGAGAAGTGCACCAGATACATTGACTGTGACCTGAACCGT
GTTTTTGACCTTAAAACTTAGCAAAGAGATGTCTGAAGATTTGCCGTATGAAGTTAGAAGGGCTCAAG
AAATAAATCACTATTTTGGTCCAAAAGATAGTGATGATGCCTACGATGTCGTTTTTGTCCCTCATAACAC
TACTTCTAACATGGTTGCACTCTATTCTTGAGGATCCAGGAATGACTTTTTAATCCAGATGTTTCAC
TATATTAAGACCTGCATGGCTCCATTACCTGCTCTGTTTACCTCATCGAGCATCCTTCCCTCAAATATG
CAACCACTCGTTCATTGCCAAGTATCCTGTTGGTATAGAAGTTGGTCCCTCAGCATCACGGTGTCTGAG
AGCTGATATTTTAGACCAAATGAGAAGAATGCTCAAGCACGCTCTTGATTTTATACAGCGTTTCAATGAA
GGTAAAGAATTTCCCTGTGCTATTGATGTCTATAAAAATATGGAGAAAGTTGATTATCCAAGGAACG
AAAGTGGAGACGTGGCTGCTGTTATCCATCCTAATCTGCAGCTGCAGGATCAAGACTGGAACCAATTGCA
CCCTGGAGATCCTGTGTTTGTCTCTTGATGGAAAAGTTATCCACTGGGTGGAGACTGTACCGTGTAC
CCAGTGTGTTGTAATGAAGCTGCATATTATGAAAAAAGAAGCATTTCAGCAAGCAAAAACTAACAC
TCAACGCAAAAAGCATCCGCTCCACTTTGCAC**TA**A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_024399



Insert Size:	945 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:	NM_024399.1 , NP_077375.1
RefSeq Size:	1552 bp
RefSeq ORF:	945 bp
Locus ID:	79251
UniProt ID:	Q9R1T5
Cytogenetics:	10q24
Gene Summary:	catalyzes the deacetylation of N-acetylaspartate to free acetate; may play a role in central nervous system myelination [RGD, Feb 2006]