

Product datasheet for **RR214715**

Ahsp (NM_001106299) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Ahsp (NM_001106299) Rat Tagged ORF Clone

Tag: Myc-DDK

Symbol: Ahsp

Synonyms: Eraf

Vector: pCMV6-Entry (PS100001)

E. coli Selection: Kanamycin (25 ug/mL)

Cell Selection: Neomycin

ORF Nucleotide Sequence: >RR214715 representing NM_001106299
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCCTTTTCAGAGCAATAAGGATCTGATCTCTACAGGAATAAAGGAGTTAATGTTCTGCTGGATC
AGCAGGTCTTTGATGACCCTCTCATGCCTGAAGAAGACATGAAAAGTGTGGTTAATGACTGGGTGAAGT
GTACATCAACTATTACAAGAAGCACGTGCTTGGGAGCAGCAGGAGCAAGACGGAGCTCTGAAAGAGCTT
CAGCAAGAGCTGAGTACTTTGGCAGCCAGTTTCTAGCCAAATACAGGATCATTCTGAAGTCAAAGAGA
CCCTAGCAGTAAACCGCCTTCTCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR214715 representing NM_001106299
Red=Cloning site Green=Tags(s)

MAPFQSNKDLISTGIKEFNVLDDQVFDPLMPEEDMKTVVNDWVNLINYYKHHVHGEQQEQDALKEL
QQELSTLGSQFLAKYRIILKSKETPSSKPPSS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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:	<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_001106299.1</u> , <u>NP_001099769.1</u>
RefSeq Size:	557 bp
RefSeq ORF:	309 bp
Locus ID:	293522
Cytogenetics:	1q37
MW:	11.7 kDa