

## Product datasheet for **RC217671**

### **XAGE1D (NM\_020411) Human Tagged ORF Clone**

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** XAGE1D (NM\_020411) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** XAGE1D  
**Synonyms:** CT12.1; CT12.1D; CTP9  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >RC217671 representing NM\_020411  
**Red=Cloning site Blue=ORF Green=Tags(s)**

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

**ATGGAGAGCCCCAAAAGAAGAACCAGCAGCTGAAAGTCGGGATCCTACACCTGGGCAGCAGACAGAAGA**  
**AGATCAGGATACAGCTGAGATCCCAGTGC GCGACATGGAAGGTGATCTGCAAGAGCTGCATCAGTCAAAC**  
**ACCGGGGATAAACTGGATTTGGTTCCGGCGTCAAGGTGAAGATAATACCTAAAGAGGAACACTGTAAA**  
**ATGCCAGAAGCAGGTGAAGAGCAACCACAAGTT**

**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT**  
**ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:** >RC217671 representing NM\_020411  
**Red=Cloning site Green=Tags(s)**  
  
MESPKKKNQQLKVGILHLGSRQKKIRIQLRSQCATWKVICKSCISQTPGINLDLGSQVVKIIPKEEHCK  
MPEAGEEQPV

**TRTRPLEQKLI SEEDLAANDILDYKDDDDKV**

**Restriction Sites:** Sgfl-MluI



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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\\_020411.2](#), [NP\\_065144.2](#)

**RefSeq Size:** 634 bp

**RefSeq ORF:** 245 bp

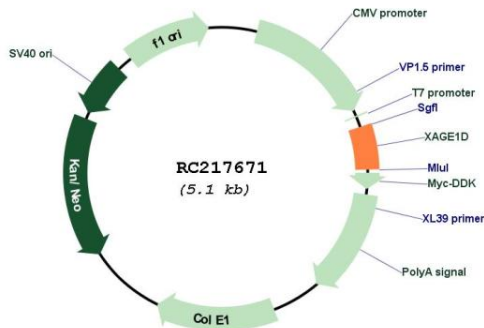
**Locus ID:** 9503

**Cytogenetics:** Xp11.22

**MW:** 9.1 kDa

**Gene Summary:** This gene is a member of the XAGE subfamily, which belongs to the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in Ewing's sarcoma, alveolar rhabdomyosarcoma and normal testis. The protein encoded by this gene contains a nuclear localization signal and shares a sequence similarity with other GAGE/PAGE proteins. Because of the expression pattern and the sequence similarity, this protein also belongs to a family of CT (cancer-testis) antigens. Alternative splicing of this gene, in addition to alternative transcription start sites, results in multiple transcript variants. [provided by RefSeq, Jan 2010]

**Product images:**



Circular map for RC217671