

Product datasheet for **SC305933**

XAGE3 (NM_133179) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	XAGE3 (NM_133179) Human Untagged Clone
Tag:	Tag Free
Symbol:	XAGE3
Synonyms:	CT12.3a; CT12.3b; GAGED4; PLAC6; pp9012; XAGE-3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_133179 edited GAATTCGGCCATTACGGCCGGGGTGGTGAATGCCCTGGAGTTGTGAGGGTGTGAGGGTC GCGTTCCTGCTGTCTGGACTTTTTCTGTCCCCTGAGACGCAGCTGTGTGAAATATGATT TGGCGAGGAAGATCAACATATAGGCCTAGGCCGAGGAGAAGTGTACCACCTCCTGAGCTG ATTGGGCCTATGCTGGAGCCCGGTGATGAGGAGCCTCAGCAAGAGGAACCACTGAA AGTCGGGATCCTGCACCTGGTCAGGAGAGAGAAGAAGATCAGGGTGCAGCTGAGACTCAA GTGCCCTGACCTGGAAGCTGATCTCCAGGAGCTGTCTCAGTCAAAGACTGGGGTGAATGT GGAAATGGTCCTGATGACCAGGGGAAGATTCTGCCAAAATCAGAACAATTTAAAATGCCA GAAGGAGTGACAGGCAACCACAGGTTTAAATGAAGACAAGCTGAAACAACACAAAACCTG TTTTTATCTAAGATATTTGACTTAAAAATATCGAAATAAACTTTTGCAGCTTCTCCTAA AAAAAAAAAAAAAAAAAAAAAAAAAACATGTCGGCCGCCTCGGCCCTCGAG
Restriction Sites:	Please inquire
ACCN:	NM_133179
Insert Size:	600 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).
OTI Annotation:	It was fully sequenced and the DNA sequence matches with that of NM_133179.1.
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_133179.1](#), [NP_573440.1](#)

RefSeq Size: 523 bp

RefSeq ORF: 336 bp

Locus ID: 170626

UniProt ID: [Q8WTP9](#)

Cytogenetics: Xp11.22

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 expressed in placenta and fetal liver/spleen, and may function in inhibiting cancer cell growth. The protein encoded by this gene 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 generates 2 transcript variants differing in the 5' UTR. [provided by RefSeq, Jul 2008]
Transcript Variant: This variant (1) has an alternate exon 1, as compared to variant 2. It thus has a different and longer 5' UTR, but encodes the same protein as variant 2.