

## Product datasheet for **TP309351M**

### **XAGE3 (NM\_130776) Human Recombinant Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Purified recombinant protein of Homo sapiens X antigen family, member 3 (XAGE3), transcript variant 2, 100 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC209351 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MIWRGRSTYRPRRRSVPPPELIGPMLEPGDEEPQQEPPTESRDPAPGQEREEDQGAAETQVPDLEADL QELSQSKTGGECGNPDDQGKILPKSEQFKMPEGGDRQPQV
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	12.1 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_570132</a>
<b>Locus ID:</b>	170626
<b>UniProt ID:</b>	<a href="#">Q8WTP9</a> , <a href="#">A0A0A0MR60</a>
<b>RefSeq Size:</b>	493



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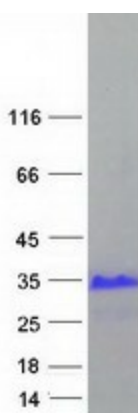
Cytogenetics: Xp11.22

RefSeq ORF: 333

Synonyms: CT12.3a; CT12.3b; GAGED4; PLAC6; pp9012; XAGE-3

**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]

### Product images:



Coomassie blue staining of purified XAGE3 protein (Cat# [TP309351]). The protein was produced from HEK293T cells transfected with XAGE3 cDNA clone (Cat# [RC209351]) using MegaTran 2.0 (Cat# [TT210002]).