

## Product datasheet for **TP309757**

### **XAGE2 (NM\_130777) Human Recombinant Protein**

#### **Product data:**

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human X antigen family, member 2 (XAGE2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209757 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MSWRGRSTYRPRRRSLQPPELIGAMLEPTDEEPKEEKPPTKSRNPTPDQKREDDQGAAEIQVPDLEADL QELCQTKTGDGCEGGTDVKGKILPKAEHFKMPEAGEGKSQV  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	12.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_570133</a>
Locus ID:	9502
UniProt ID:	<a href="#">Q96GT9</a> , <a href="#">A0A024R2A6</a>
RefSeq Size:	651
Cytogenetics:	Xp11.22



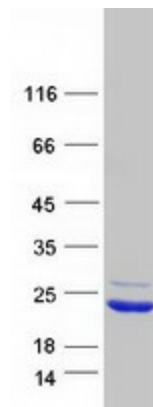
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RefSeq ORF: 333

Synonyms: CT12.2; GAGED3; XAGE-2; XAGE2B

**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 normal testis, and in Ewing's sarcoma, rhabdomyosarcoma, a breast cancer and a germ cell tumor. 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. [provided by RefSeq, Jul 2008]

### Product images:



Coomassie blue staining of purified XAGE2 protein (Cat# TP309757). The protein was produced from HEK293T cells transfected with XAGE2 cDNA clone (Cat# [RC209757]) using MegaTran 2.0 (Cat# [TT210002]).