

## Product datasheet for TP314210L

### XAGE3 (NM\_133179) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens X antigen family, member 3 (XAGE3), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC214210 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MIWRGRSTYRPRRRSVPPPELIGPMLEPGDEEPQQEPPPTESRDPAPGQEREEDQGAAETQVPDLEADL QELSQSKTGGECGNPDDQGKILPKSEQFKMPEGGDRQPQV
	<b>TR</b> TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	12.1 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_573440</a>
Locus ID:	170626
UniProt ID:	<a href="#">Q8WTP9</a> , <a href="#">A0A0A0MR60</a>
RefSeq Size:	543



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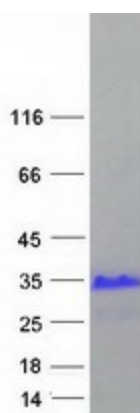
Cytogenetics: Xp11.22

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# [TP314210]). The protein was produced from HEK293T cells transfected with XAGE3 cDNA clone (Cat# [RC214210]) using MegaTran 2.0 (Cat# [TT210002]).