

## Recombinant Human X Antigen Family, Member 1A, His-tagged

Cat. No. XAGE1A-7195H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant human XAGE1A protein, fused to His-tag at N-terminus, was expressed in <i>E. coli</i> and purified by using conventional chromatography techniques. MW: 11.5 kDa.
<b>Species</b>	Human
<b>Source</b>	<i>E. coli</i>
<b>ProteinLength</b>	1-81aa
<b>Description</b>	G antigen family D member 2, also known as XAGE1A, 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.
<b>Form</b>	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.2M NaCl, 20% glycerol, 2mM DTT.
<b>Molecular Mass</b>	11.5 kDa (104aa) confirmed by MALDI-TOF

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<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMESPXXX NQQLKVGILH LGSRQKKIRI QLRSQCATWK VICKSCISQT PGINLDLGSG VKVKIIPKEE HCKMPEAGEE QPQV
<b>Purity</b>	>85% by SDS - PAGE
<b>Applications</b>	SDS-PAGE
<b>Storage</b>	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>Concentration</b>	0.25 mg/ml (determined by Bradford assay)
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	XAGE1A X antigen family, member 1A [ Homo sapiens ]
<b>Official Symbol</b>	XAGE1A
<b>Synonyms</b>	XAGE1A; X antigen family, member 1A; CTP9; XAGE1; CT12.1; GAGED2; CT12.1A; G antigen family D member 2; protein XAGE-1; cancer/testis antigen 12.1; cancer/testis associated protein; cancer/testis antigen family 12, member 1a; G antigen, family D, 2; X antigen family, member 1; CT12.1a; XAGE1B; XAGE1C; XAGE1D; XAGE1E
<b>Gene ID</b>	653219
<b>mRNA Refseq</b>	NM_001097591
<b>MIM</b>	300742
<b>UniProt ID</b>	Q9HD64

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<b>Chromosome</b>	Xp11.22
<b>Location</b>	

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