

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

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

SPECIFICATION

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

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AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMESPKKK NQQLKVGILH LGSRQKKIRI QLRSQCATWK VICKSCISQT PGINLDLGSG VKVKIIPKEE HCKMPEAGEE QPQV
Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	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.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	XAGE1A X antigen family, member 1A [Homo sapiens]
Official Symbol	XAGE1A
Synonyms	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
Gene ID	653219
mRNA Refseq	NM_001097591
MIM	300742
UniProt ID	Q9HD64

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Chromosome	Xp11.22
Location	