

XAGE1A recombinant protein

XAGE1A, 1-81aa, Human, His tag, E Coli

CATALOG # AAA48739	HOST E Coli	APPLICATIONS SDS-Page
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PRODUCT SYNONYMS

XAGE1A; 1-81aa; Human; His tag; E Coli; G antigen family D member 2; CT12.1; CT12.1A; CTP9; GAGED2; XAGE1; XAGE1B; XAGE1C; XAGE1D; XAGE1E; XAGE1A recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 7.5) containing 2mM DTT, 30% glycerol, 0.1mM PMSF
Concentration	0.25 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSMEPKKK NQQLKVGILH LGSRQKKIRI QLRSQCATWK VICKSCISQT PGINLDLGSG VKVKIIPKEE HCKMPEAGEE QPQV
Applicable Applications for XAGE1A recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for XAGE1A recombinant protein	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. Recombinant human XAGE1A protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for XAGE1A recombinant protein	Cancer
References	Egland K.A., et al. (2002) Mol. Cancer Ther. 1:441-450; Sato S., et al. (2007) Cancer Immun. 7:5-5

NCBI AND UNIPROT INFORMATION

NCBI GI #	284055227
NCBI GeneID	653219
NCBI Accession #	NP_001091061
NCBI GenBank Nucleotide #	NM_001097592.2
Molecular Weight	11.5 kDa (104aa) confirmed by MALDI-TOF

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/xage1a-recombinant-protein-e-coli-sds-page/48739>