

PRODUCT INFORMATION

XAGE1A **Target**

Synonyms CT12.1;CT12.1A;CTP9;GAGED2;XAGE1

Recombinant Human XAGE1A Protein with N-**Description**

terminal human Fc tag

Delivery In Stock **Uniprot ID** Q9HD64 **Expression Host HEK293**

Tag N-Human Fc Tag

Molecular

Background

hFc(Glu99-Ala330) XAGE1A(Met1-Val81) Characterization

The protein has a predicted molecular mass of 35.2 kDa after removal of the signal peptide. The **Molecular Weight**

apparent molecular mass of hFc-XAGE1A is approximately 35-55 kDa due to glycosylation. The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue

Purity

staining.

Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis Formulation & Reconstitution

for specific instructions of reconstitution. Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not

intended for use within a month, aliquot and store Storage & Shipping at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient

temperature.

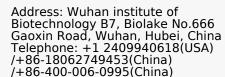
This gene is a member of the XAGE subfamily, which belongs to the GAGE family. The GAGE genes are expressed in a variety of tumors and in some fetal and reproductive tissues. This gene is strongly expressed in Ewing's sarcoma, alveolar rhabdomyosarcoma and normal testis. The protein encoded by this gene 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. Alternative splicing of this gene, in addition to alternative transcription start sites, results in multiple

transcript variants. [provided by RefSeq, Jan 20101

Usage Research use only Conjugate Unconjugated









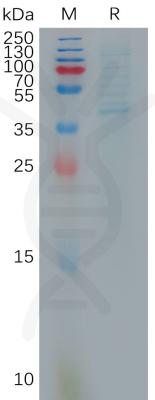
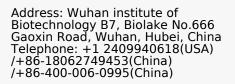


Figure 1. Human XAGE1A Protein, hFc Tag on SDS-PAGE under reducing condition.



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