PRODUCT INFORMATION

Target	XAGE1A
Synonyms	CT12.1;CT12.1A;CTP9;GAGED2;XAGE1
Description	Recombinant Human XAGE1A Protein with N-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q9HD64
Expression Host	HEK293
Tag	N-Human Fc Tag
Molecular Characterization	hFc(Glu99-Ala330) XAGE1A(Met1-Val81)
Molecular Weight	The protein has a predicted molecular mass of 35.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-XAGE1A is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	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 at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	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 2010]
Usage	Research use only
Conjugate	Unconjugated

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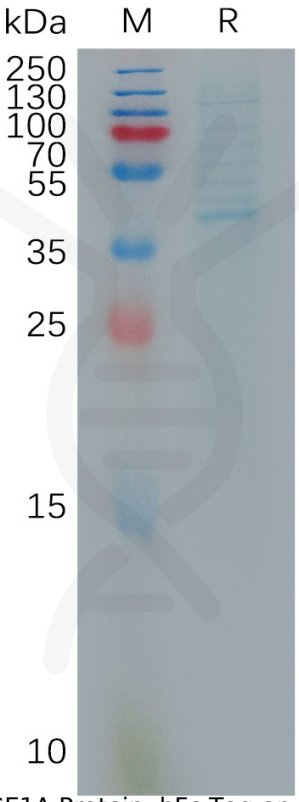


Figure 1. Human XAGE1A Protein, hFc Tag on SDS-PAGE under reducing condition.

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