Datasheet for ABIN6964346

XAGE1 Protein (Fc Tag)

1 Image

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Overview

Quantity:	100 µg
Target:	XAGE1 (XAGE1A)
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This XAGE1 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human XAGE1A Protein with N-terminal human Fc tag
Specificity:	HFc (Glu99-Ala330) XAGE1A (Met1-Val81)
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	XAGE1 (XAGE1A)
Alternative Name:	XAGE1A (XAGE1A Products)
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.

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Target Details

	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]
Molecular Weight:	predicted molecular mass of 35.2 kDa after removal of the signal peptide. The apparent molecular mass of hFc-XAGE1A is 35-55 kDa due to glycosylation.
UniProt:	Q9HD64

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	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.
Expiry Date:	12 months

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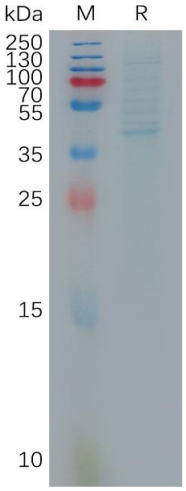

SDS-PAGE

Image 1. Human XA Protein, hFc Tag on SDS-PAGE under reducing condition.

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