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Datasheet for ABIN7275303

MXRA8 Protein (AA 20-340) (His tag)

2 Images

Overview

Quantity:	100 µg
Target:	MXRA8
Protein Characteristics:	AA 20-340
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MXRA8 protein is labelled with His tag.

Product Details

Purpose:	Mouse MXRA8 Protein
Sequence:	Val20-Gln340
Characteristics:	Recombinant Mouse MXRA8 Protein is expressed from HEK293 with His tag at the C-Terminus. It contains Val20-Gln340.
Purity:	> 95 % as determined by Tris-Bis PAGE, > 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

Target Details

Target:	MXRA8
Alternative Name:	MXRA8 (MXRA8 Products)

Target Details

Background:	Mxra8 is a recently described receptor for multiple alphaviruses, including Chikungunya (CHIKV), Mayaro (MAYV), Ross River (RRV), and O'nyong nyong (ONNV) viruses.
Molecular Weight:	37.11 kDa. Due to glycosylation, the protein migrates to 42-52 kDa based on Tris-Bis PAGE result.
UniProt:	Q9DBV4

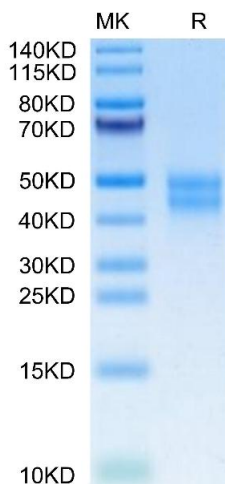
Application Details

Restrictions:	For Research Use only
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Handling

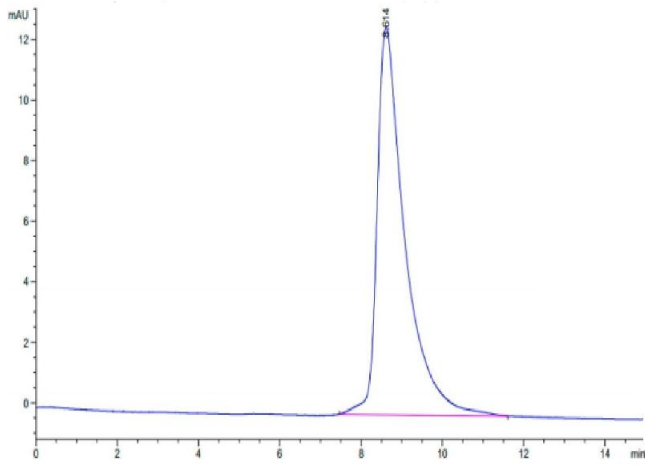
Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months

Images



SDS-PAGE

Image 1. Mouse MXRA8 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .



Size-exclusion chromatography-High Pressure Liquid Chromatography

Image 2. The purity of Mouse MXRA8 is greater than 95 % as determined by SEC-HPLC.