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## Ectodysplasin A2 Receptor Protein (EDA2R) (AA 1-138) (Fc Tag)





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#### Overview

Quantity:	100 μg
Target:	Ectodysplasin A2 Receptor (EDA2R)
Protein Characteristics:	AA 1-138
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Ectodysplasin A2 Receptor protein is labelled with Fc Tag.

#### **Product Details**

Purpose:	Mouse EDA2R Protein
Sequence:	Met1-Thr138
Characteristics:	Recombinant Mouse EDA2R Protein is expressed from HEK293 with hFc tag at the C-Terminus.It contains Met1-Thr138.
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**

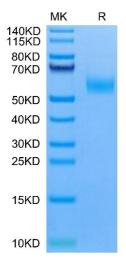
Target:	Ectodysplasin A2 Receptor (EDA2R)
Alternative Name:	EDA2R (EDA2R Products)

#### **Target Details**

Expiry Date:

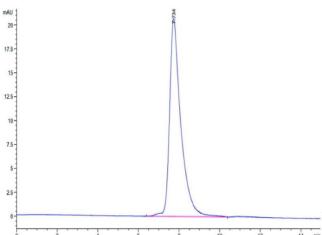
12 months

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Background:	EDA2R is a member of the large family of tumor necrosis factor receptor (TNFR). Previous studies suggested that EDA2R expression might be increased in the kidneys of diabetic mice. High glucose increases EDA2R expression in kidney cells and that EDA2R induces podocyte apoptosis and dedifferentiation in high glucose milieu partially through enhanced ROS generation.
Molecular Weight:	42.15 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.
UniProt:	Q8BX35
Application Details	
Restrictions:	For Research Use only
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.
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#### **SDS-PAGE**

Image 1. Mouse EDA2R 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 EDA2R is greater than 95 % as determined by SEC-HPLC.