

Datasheet for ABIN7274509

**Ectodysplasin A2 Receptor Protein (EDA2R) (AA 1-138) (Fc Tag)**[Go to Product page](#)**2** Images

## Overview

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

## Product Details

Purpose:	Human EDA2R Protein
Sequence:	Met1-Thr138
Characteristics:	Recombinant Human 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 ( <a href="#">EDA2R Products</a> )

## Target Details

**Background:** The X-linked ectodermal dysplasia receptor (XEDAR, also known as EDA2R or TNFRSF27) is a member of the TNFR superfamily that is highly expressed in ectodermal derivatives during embryonic development and binds to ectodysplasin-A2 (EDA-A2), a member of the TNF family that is encoded by the anhidrotic ectodermal dysplasia (EDA) gene.

**Molecular Weight:** 42.08 kDa. Due to glycosylation, the protein migrates to 55-65 kDa based on Tris-Bis PAGE result.

## Application Details

**Restrictions:** For Research Use only

## Handling

**Format:** Lyophilized

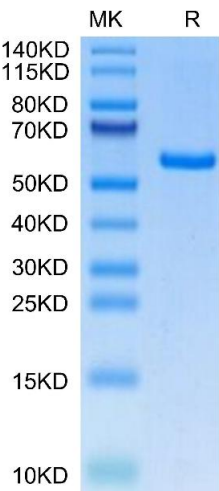
**Reconstitution:** Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.

**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

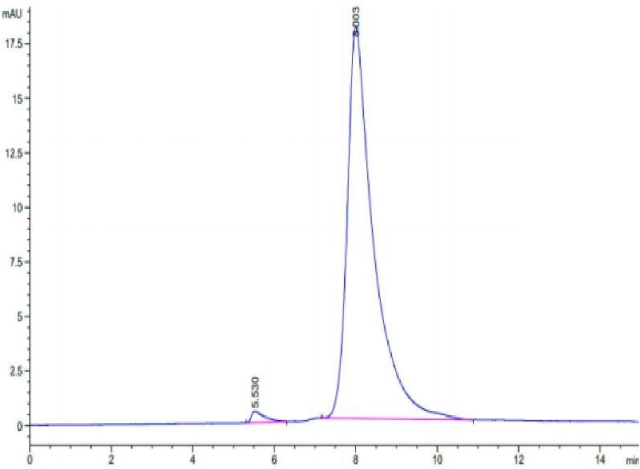
**Storage Comment:** -20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



SDS-PAGE

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