

Datasheet for ABIN1684711

**IL31RA Protein (C-Term, Extracellular Domain)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	IL31RA
Protein Characteristics:	C-Term, Extracellular Domain
Origin:	Mouse
Source:	HEK-293T Cells
Protein Type:	Recombinant

## Product Details

Specificity:	Optimized DNA sequence encoding extracellular domain of mouse Interleukin-31 receptor beta subunit (OSM-Rb) including a C-terminal tag was expressed in HEK293 cells.
Characteristics:	Recombinant mouse IL-31RB is a monomer protein consisting of 725 amino acid residue subunits, due to glycosylation migrates as an approximately 130 kDa protein on SDS-PAGE.
Purity:	> 97 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

## Target Details

Target:	IL31RA
Alternative Name:	IL31R ( <a href="#">IL31RA Products</a> )
Background:	This factor is identical with prokineticin-1 and is a member of the AVIT protein family.

## Target Details

Expression of human EG-VEGF messenger RNA is restricted to the steroidogenic glands, ovary, testis, adrenal and placenta and is often complementary to the expression of VEGF. EG-VEGF has been identified as a mitogen specific for the endothelium of steroidogenic glands. EG-VEGF resembles VEGF in that it causes extensive angiogenesis and cyst formation when delivered in the ovary. EG-VEGF differs from VEGF in that it does not promote angiogenesis in the cornea or skeletal muscle. Two receptors have been characterized, these receptors are expressed in gastrointestinal organs, endocrine glands and other tissues. The G-protein-coupled receptor ZAQ and the G-protein-coupled receptor I5E function as the EG-VEGF receptor.

UniProt: [O70458](#)

## Application Details

Restrictions: For Research Use only

## Handling

Buffer: PBS solution, pH7.2

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: The lyophilized protein is stable for at least years from date of receipt at -20 °C. Upon reconstitution, this cytokine can be stored in working aliquots at -8 °C for one month, or at -20 °C for six months, with a carrier protein without detectable loss of activity.

Expiry Date: 12-24 months