

For Research Use Only

# Recombinant Human IGSF8/CD316 protein (rFc Tag)



Catalog Number: Eg2664

## Basic Information

**Species:**  
Human

**Purity:**  
>90 %, SDS-PAGE

**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**

>90 %, SDS-PAGE

**Endotoxin Level:**

<0.1 EU/  $\mu$ g protein, LAL method

**Source:**

HEK293-derived Human IGSF8 protein Arg28-Thr579 (Accession# Q969P0-1) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**

93185

**Accession:**

Q969P0-1

**Predicted Molecular Mass:**

84.1 kDa

**SDS-PAGE:**

85-100 kDa, reducing (R) conditions

**Formulation:**

Lyophilized from 0.22  $\mu$ m filtered solution in PBS, pH 7.4. Normally 5% trehalose and 5% mannitol are added as protectants before lyophilization.

## Biological Activity

Not tested

## Storage and Shipping

**Storage:**

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

- Until expiry date, -20°C to -80°C as lyophilized proteins.
- 3 months, -20°C to -80°C under sterile conditions after reconstitution.

**Shipping:**

The product is shipped at ambient temperature. Upon receipt, store it immediately at the recommended temperature.

## Reconstitution

Briefly centrifuge the tube before opening. Reconstitute at 0.1-0.5 mg/mL in sterile water.

## Background

IGSF8 is also known as CD316, PGRL (PG regulatory-like protein), KAI/CD82-associated surface molecule, and CD81-binding partner 3 (CD81P3). IGSF8 contains four immunoglobulin domains, a transmembrane region, and a short cytoplasmic tail that does not bear any signature motif for signal transduction. IGSF8 is abundantly expressed in olfactory sensory neuron (OSN) axons and their developing synapses.

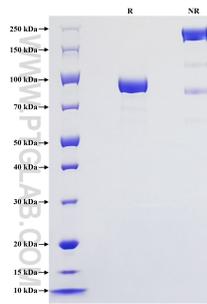
## References

1. Kettner, Sandra et al. Molecular and cellular biology vol. 27,21 (2007): 7718-26.
2. Ray, Arundhati, and Helen B Treloar. Molecular and cellular neurosciences vol. 50,3-4 (2012): 238-49.

## Synonyms

IgSF8, CD316, CD81 partner 3, CD81P3, EWI 2

## Selected Validation Data



Purity of Recombinant Human IGSF8 was determined by SDS-PAGE. The protein was resolved in an SDS-PAGE in reducing (R) and non-reducing (NR) conditions and stained using Coomassie blue.

For technical support and original validation data for this product please contact

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