For Research Use Only

Recombinant Human IGSF8/CD316 protein (mFc Tag)

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Catalog Number: Eg3888

Basic Information

Species: Human

Purity: >90 %, SDS-PAGE

Tag: mFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

Endotoxin Level:
<0.1 EU/ μ g protein, LAL method

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

GeneID:
93185

Accession:
Q969P0-1

Predicted Molecular Mass:
85.2 kDa

SDS-PAGE:
75-100 kDa, reducing (R) conditions

Formulation:
Lyophilized from 0.22 μ 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℃ to -80℃ as lyophilized proteins.
- 3 months, -20℃ to -80℃ 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.

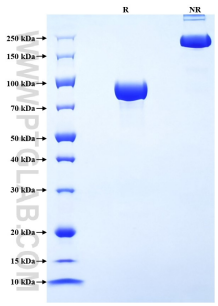
References

1. Sandra Kettner. et al. (2007). Mol Cell Biol. 27(21):7718-7726.
2. Arundhati Ray. et al.(2012). Mol Cell Neurosci.50(3-4):238-249.

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.