

For Research Use Only

Recombinant Human VSIG1 protein (rFc Tag)



Catalog Number: Eg6740

Basic Information

Species:
Human

Purity:
>90 %, SDS-PAGE

Tag:
rFc Tag

Technical Specifications

Purity:
>90 %, SDS-PAGE

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

Source:
HEK293-derived Human VSIG1 protein Val22-Glu232 (Accession# Q86XK7) with a rabbit IgG Fc tag at the C-terminus.

GeneID:
340547

Accession:
Q86XK7

Predicted Molecular Mass:
48.9 kDa

SDS-PAGE:
63-80 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°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

VSIG1, also known as GPA34, is a member of the junctional adhesion molecule (JAM) family. The 387-amino acid protein contains an N-terminal V-type Ig-like domain, a C2-type Ig-like domain, and a transmembrane domain. The expression of VSIG1 in the epithelial cells of stomach mucosa and testicular germ cells.

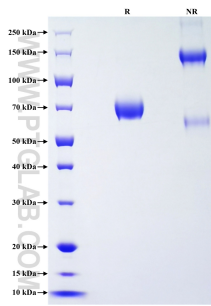
References

1. Inoue, Yusuke et al. Cancer science vol. 108,8 (2017): 1701-1714.
2. Scanlan, Matthew J et al. Cancer immunity vol. 6 2. 12 Jan. 2006.

Synonyms

Cell surface A33 antigen, Glycoprotein A34, GPA34, V-set and immunoglobulin domain-containing protein 1

Selected Validation Data



Purity of Recombinant Human VSIG1 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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