

# Recombinant Human CLEC3B protein (rFc Tag)

Catalog Number: Eg3063

## Basic Information

**Species:**  
Human**Purity:**  
>90 %, SDS-PAGE**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**

&gt;90 %, SDS-PAGE

**Endotoxin Level:**

&lt;1.0 EU/ µg protein, LAL method

**Source:**

HEK293-derived Human CLEC3B protein Glu22-Val202 (Accession# P05452) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**

7123

**Accession:**

P05452

**Predicted Molecular Mass:**

45.7 kDa

**SDS-PAGE:****Formulation:**

Lyophilized from sterile 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

Tetranectin, encoded by the clec3b gene, is a plasminogen kringle-4 binding protein that can be detected in the plasma and the extracellular matrix. Tetranectin originally isolated from human plasma in 1986, binds to kringle 4 of plasminogen in a lysine-dependent manner and regulates proteolytic processes via the activation of plasminogen. Tetranectin is composed of three identical and non-covalently linked 20 kDa subunits and is thought to regulate the fibrinolysis and proteolytic procedures. Tetranectin was found significantly under-expressed in both serum and saliva of metastatic OSCC compared to primary OSCC.

## References

1. Xie, Xing-Wei et al. Frontiers in molecular biosciences vol. 7 (2021): 614034.
2. Liu, Jian et al. Oncology reports vol. 40,4 (2018): 2023-2035.
3. Chen, Yanjia et al. Scientific reports vol. 5 (2015) 17632.
4. Arellano-Garcia, Martha E et al. International journal of molecular sciences vol. 11,9 (2010) 3106-21.

## Synonyms

C-type lectin domain family 3 member B, Plasminogen kringle 4-binding protein, Tetranectin, TN, TNA

## Selected Validation Data

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

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