

For Research Use Only

# Recombinant Human EDDM3B protein (rFc Tag)



Catalog Number: Eg2443

## Basic Information

**Species:**  
Human

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

**Tag:**  
rFc Tag

## Technical Specifications

**Purity:**

>90 %, SDS-PAGE

**Endotoxin Level:**

<1.0 EU/ µg protein, LAL method

**Source:**

HEK293-derived Human EDDM3B protein Lys26-Asn147 (Accession# P56851) with a rabbit IgG Fc tag at the C-terminus.

**GeneID:**

64184

**Accession:**

P56851

**Predicted Molecular Mass:**

41.2 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

EDDM3B (Epididymal secretory protein E3-beta), also known as FAM12B, HE3B (Human epididymis-specific protein 3-beta), is highly enriched in the epididymis and is involved in the secretion of glycoproteins that interact with sperm membranes.

## References

1. Dacheux, Jean-Louis et al. Theriogenology vol. 63,2 (2005): 319-41.
2. Barrachina, F et al. Human reproduction (Oxford, England) vol. 37,4 (2022): 651-668.

## Synonyms

## Selected Validation Data

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

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