

Datasheet for ABIN2720990

## FcRn Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)



[Go to Product page](#)

### 1 Image

#### Overview

|                               |                                                      |
|-------------------------------|------------------------------------------------------|
| Quantity:                     | 20 µg                                                |
| Target:                       | FcRn                                                 |
| Protein Characteristics:      | Transcript Variant 2                                 |
| Origin:                       | Human                                                |
| Source:                       | HEK-293 Cells                                        |
| Protein Type:                 | Recombinant                                          |
| Purification tag / Conjugate: | This FcRn protein is labelled with Myc-DYKDDDDK Tag. |
| Application:                  | Antibody Production (AbP), Standard (STD)            |

#### Product Details

|                  |                                                                                                                                                                                               |
|------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Characteristics: | <ul style="list-style-type: none"> <li>• Recombinant human FCGRT / FCRN (transcript variant 2) protein expressed in HEK293 cells.</li> <li>• Produced with end-sequenced ORF clone</li> </ul> |
| Purity:          | > 80 % as determined by SDS-PAGE and Coomassie blue staining                                                                                                                                  |

#### Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                  |
|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | FcRn                                                                                                                                                                                                                                                                                                                                             |
| Alternative Name: | Fcgrt,fcrn ( <a href="#">FcRn Products</a> )                                                                                                                                                                                                                                                                                                     |
| Background:       | <p>This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants.</p> |

Target Details

|                   |                                                                                                                            |
|-------------------|----------------------------------------------------------------------------------------------------------------------------|
| Molecular Weight: | 39.6 kDa                                                                                                                   |
| NCBI Accession:   | <a href="#">NP_001129491</a>                                                                                               |
| Pathways:         | <a href="#">Regulation of Leukocyte Mediated Immunity</a> , <a href="#">Positive Regulation of Immune Effector Process</a> |

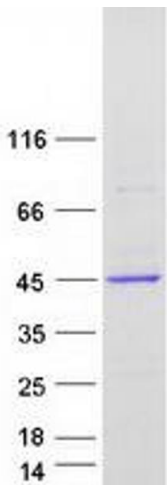
Application Details

|                    |                                                                                                                                                          |
|--------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
| Comment:           | The tag is located at the C-terminal.                                                                                                                    |
| Restrictions:      | For Research Use only                                                                                                                                    |

Handling

|                  |                                                                                                                                                   |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Concentration:   | 50 µg/mL                                                                                                                                          |
| Buffer:          | 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.                                                                                            |
| Storage:         | -80 °C                                                                                                                                            |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

Images



Western Blotting

Image 1. Validation with Western Blot