

## IgG receptor FcRn large subunit p51 (Fcgrt) Recombinant Protein | Fcgrt recombinant protein

Recombinant Mouse IgG receptor FcRn large subunit p51 (Fcgrt), partial

CATALOG #  
AAA116563

HOST  
E Coli or Yeast or Baculovirus or Mammalian Cell

### PRODUCT SYNONYMS

IgG receptor FcRn large subunit p51 (Fcgrt); Recombinant Mouse IgG receptor FcRn large subunit p51 (Fcgrt); partial; Fcgrt recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                      |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                     |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                            |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                     |
| Sequence Positions      | 22-297aa; partial                                                                                                                                                                                                                                                                                                    |
| Sequence                | SETRPPLMYH LTAVSNPSTG LPSFWATGWL GPQQYLTYS LRQEADPCGA WMWENQVSWY WEKETDLS<br>KEQLFLEALK TLEKILNGTY TLQGLLGCEL ASDNSSVPTA VFALNGEEFM KFNPRIGNWT GEWPETEIVA<br>NLWMKQPDAA RKESEFLLNS CPERLLGHLE RGRNLEWKE PPSMRLKARP GNSGSSVLTG AAFSFYPPEL<br>KFRFLRNLGA SGSGNCSTGP NGDGSFHAW S LLEVKGDEH HYQCQVEHEG LAQPLTVDLG SSARSS |
| Species                 | Mouse                                                                                                                                                                                                                                                                                                                |
| Preparation and Storage | Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.                                                                                                                  |

### ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for Fcgrt recombinant protein | 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. |
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### NCBI AND UNIPROT INFORMATION

|                                  |                                               |
|----------------------------------|-----------------------------------------------|
| NCBI GI #                        | 170172528                                     |
| NCBI GeneID                      | 14132                                         |
| NCBI Accession #                 | NP_034319.2                                   |
| NCBI GenBank Nucleotide #        | NM_010189.3                                   |
| UniProt Accession #              | Q61559; Q9QUR0; Q9R2A5                        |
| Molecular Weight                 | 40,093 Da                                     |
| NCBI Official Full Name          | IgG receptor FcRn large subunit p51 isoform 1 |
| NCBI Official Synonym Full Names | Fc receptor, IgG, alpha chain transporter     |
| NCBI Official Symbol             | Fcgrt                                         |
| NCBI Official Synonym Symbols    | FcRn                                          |

|                            |                                     |
|----------------------------|-------------------------------------|
| NCBI Protein Information   | IgG receptor FcRn large subunit p51 |
| UniProt Protein Name       | IgG receptor FcRn large subunit p51 |
| UniProt Gene Name          | Fcgrt                               |
| UniProt Synonym Gene Names | Fcrn; FcRn                          |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/fcgrt-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116563>