

## Synonyms

FcRn, FCGRT, FCGRT & B2M, FCGRT and B2M, Neonatal Fc receptor, Neonatal receptor, Brambell receptor

## Accession number

P13599 / P07151

## Catalog number(s)

The sequence shown in this file has been used for all the following products: RAFCRN-U.

## Description

The sequence of the extracellular domain of human FCGRT (Ala 23-Ser 298) was fused with a C-terminal tag consisting of the AVI tag, TEV protease recognition sequence and a 10-His tag. This was co-transfected with the sequence of rat beta-2-microglobulin (Ile 21-Met 119).

## Sequence

>Rat\_FcRn

```
AEPRLPLMYHLAAVSDLSTGLPSFWATGWLGAQQYLTYNNLRQEADPCGAWIWENQVSWYWEKETDLSKEQLFLEAIRLENQI  
NGTFTLQGLLGCCELAPDNSSLPTAVFALNGEEFMRFNPRTGNWSGEWPETDIVGNLWMKQPEAARKESEFLLTSCPERLLGHLERGR  
QNLEWKEPPSMRLKARPGNSGSSVLTCAAFSFPPELKFRLRNLASGSGNCSTGPNGDGSFHAWSLLEVKRGDEHHYQCQVEHE  
GLAQPLTVDLSPARSSGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
```

>Rat\_B2M

```
IQKTPQIQVYSRHPPEKPNFLNCYVSQFHPPQIEIELLKNGKKIPNIEMSDLSFSKDWSFYILAHTFTPTETDVYACRVKHVTLKEPKT  
VTWDRDM
```

The Avi tag (GLNDIFEAQKIEWHEG) is highlighted in a black box, the TEV protease cleavage site (ENLYFQS) is underlined and the 10-His tag (HHHHHHHHHH) is shown in italics. Prior to the Avi tag, TEV cleavage site and His tag there are double glycines (GG) to act as spacers. For products that are biotinylated the biotin will be attached specifically to the lysine (K) within the Avi tag.

**For research use only. Not for use in diagnostic or therapeutic procedures.**

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