

Synonyms

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

Accession number

Q8SPV9 / Q8SPW0

Catalog number(s)

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

Description

The sequence of the extracellular domain of cynomolgus FCGRT (Ala 24-Ser 297) 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 cynomolgus beta-2-microglobulin (Ile 21-Met 119).

Sequence

>Cynomolgus_FcRn

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AESHLSELLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYDSLGRQAEPGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKG  
PYTLQQLLGCELSPDNTSVPTAKFALNGEEFMNFDLKQGTWGGDWPEALAISQRWQQQDKAANKELTFLFSCPHRLREHLERGRG  
NLEWKEPPSMRLKARPGNPGFVLTCSAFSFPPELQLRFLRNGMAAGTGQGDGFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHAGL  
AQPLRVELETPAKSSGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
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>Cynomolgus_B2M

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IQRTPKIQVYSRHPPEKPNFLNCYVSGFHPSDIEVDLLKNGEKMVGKVEHSDLSFSKDWSFYLLYTFEFTPNEKDEYACRVNHVTLTG  
PRTVKWDRDM
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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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