

Synonyms

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

Accession number

P55899 / P61769

Catalog number(s)

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

Description

The sequence of the extracellular domain of human 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 human beta-2-microglobulin (Ile 21-Met 119).

Sequence

>Human_FcRn

```
AESHLSELLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEPGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGP  
YTLQGLLGCELGPDNTSVPTAKFALNGEEFMNFDLKQGTWGGDWPEALAIQRWQQQDKAANKELTFLFSCPHRLREHLERGRGN  
LEWKEPPSMRLKARPSSPGFVLTCSAFSFPPELQLRFLRNGLAAGTGQGDGFPNSDGSFHASSSLTVKSGDEHHYCCIVQHAGLAQ  
PLRVELESPAKSSGG GLNDIFEAQKIEWHEG GGENLYFQSGGHHHHHHHHHH
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>Human_B2M

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IQRTPKIQVYSRHPAENGKSNFLNCYVSGFHPSDIEVDLLKNGERIEKVEHSDLSFSKDWSFYLLYYTEFTPTEKDEYACRVNHVTLSPKI  
VKWDRDM
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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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