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Fcgrt, 22-297aa, Mouse, His-tag, Baculovirus

产品货号: TP02107

第三版

别名: IgG receptor FcRn large subunit p51, Fcgrt, FcRn

**描述:** Fcgrt, as known as IgG receptor FcRn large subunit p51, is a transmembrane glycoprotein with structural homology to MHC class 1 proteins. This protein is widely expressed in endothelial and epithelial cells and plays an important role in IgG homeostasis. Also, it is expressed in neutrophils and myeloid antigen presenting cells. It can enhance IgG-mediated phagocytosis and antigen presentation by these cells, but it promotes the degradation of opsonizing IgG rather than returning it to the circulation. Recombinant mouse Fcgrt, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

**配方:** Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

**分子量:** 32.1kDa (285aa), 40-57kDa (SDS-PAGE under reducing conditions.)

**序列:**

ADPSETRPPLMYHLTAVSNPSTGLPSFWATGWLGPQQYLTYNLSLRQEADPCGAWMWENQVSWYWEKETTDLKSKEQLF  
LEALKTLEKILNGTYTLQGLLGCELASDNSSVPTAVFALNGEEFMKFNPRIGNWTGEWPETEIVANLWMKQPDAARKESE  
FLLNSCPERLLGHLERGRNLEWKEPPSMRLKARPGNSGSSVLTCAAFSFYPPPELKFRFLRNLASGSGNCSTGPNGDGSFH  
AWSLLEVKRGDEHHYQCQVEHEGLAQPLTVDLDSARSSHHHHH

**纯度:** > 95% by HPLC

**浓度:** 0.5mg/ml (determined by Absorbance at 280nm)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.