

Recombinant Human FcRn Protein,His Tag

产品信息

产品名称	产品编号	规格
Recombinant Human FcRn Protein,His Tag	93459ES60	100 µg
	93459ES76	500 µg

性能参数

表达区间及表达系统 (Source)	Recombinant Human FcRn Protein is expressed from HEK293 with His tag at the C-terminal. It contains Ala24-Ser297(FCGRT) & Ile21-Met119(B2M). [Accession P55899-1(FCGRT)&P61769-1(B2M)]
分子量大小 (Molecular Weight)	The protein has a predicted MW of 31.5 kDa (FCGRT) & 11.7 kDa (B2M). Due to glycosylation, the protein migrates to 35-40 kDa (FCGRT) & 13-14 kDa (B2M) based on Tris-Bis PAGE result.
内毒素 (Endotoxin)	Less than 1EU per ug by the LAL method.
纯度 (Purity)	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC
制剂 (Formulation)	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
重构方法 (Reconstitution)	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

储存条件

The product should be stored at -25~-15°C for 1 year from date of receipt.

2-7 days, 2~8 °C under sterile conditions after reconstitution.

3 months, -25~-15°C under sterile conditions after reconstitution.

Recommend to aliquot the protein into smaller quantities when first used and avoid repeated freeze-thaw cycles.

注意事项

- 1.Please operate with lab coats and disposable gloves,for your safety.
- 2.This product is for research use only.

ELISA Data

Human FcRn, His Tag ELISA

0.1 μ g Human FcRn, His Tag Per Well

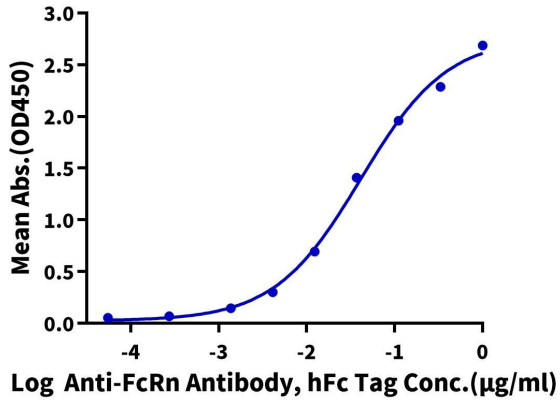


Figure 1. Immobilized Human FcRn, His Tag at 1 μ g/ml (100 μ l/well) on the plate.

Dose response curve for Anti-FcRn Antibody, hFc Tag with the EC50 of 41.1ng/ml determined by ELISA

SPR Data

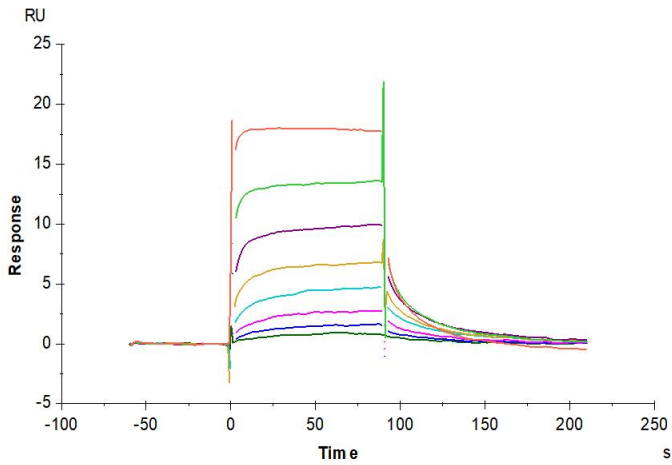


Figure 2 Human FcRn, His Tag captured on CM5 Chip via anti-his antibody can bind Human IgG1 Fc, No Tag with an affinity constant of 0.28 μ M as determined in SPR assay