

Recombinant Human FCGRT Protein, His-Avi-tagged

Cat. No. FCGRT-937H **Lot. No.** (See product label)

SPECIFICATION

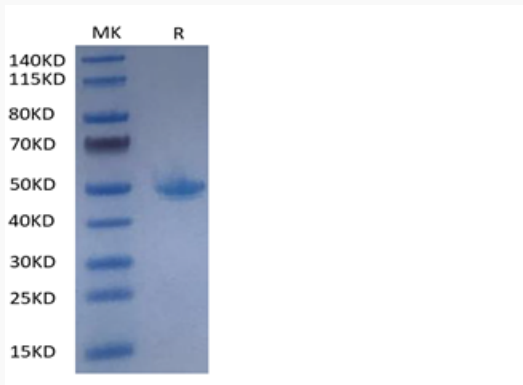
Product Overview	Human FcRn is expressed from mammalian with a His tag and Avi Tag at the C-terminal. It contains Ile 21 - Met 119(B2M)& Ala 24 - Ser 297 (FCGRT).
Species	Human
Source	HEK293
ProteinLength	Ile 21 - Met 119(B2M)& Ala 24 - Ser 297 (FCGRT)
Description	The neonatal Fc receptor (FCRN) is an approximately 45 kDa transmembrane glycoprotein with structural homology to MHC class I proteins. It is widely expressed in endothelial and epithelial cells and plays an important role in IgG homeostasis and antigen presentation by dendritic cells.FCGRT & B2M heterodimer protein (FcRn complex) consist of two subunits: p51, and p14 , and forms an MHC class I-like heterodimer.
Form	Supplied as 0.22um filtered solution in PBS (pH 7.4).
Endotoxin	Less than 0.5 EU per ug by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE. > 95% as determined by HPLC.
Storage	The product should be stored at -70°C. Please do not repeated freeze-thaw cycles.

GENE INFORMATION

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Gene Name	FCGRT Fc fragment of IgG receptor and transporter [Homo sapiens (human)]
Official Symbol	FCGRT
Synonyms	FCRN; alpha-chain
Gene ID	2217
mRNA Refseq	NM_001136019.3
Protein Refseq	NP_001129491.1
MIM	601437
UniProt ID	P55899
Tris-Bis PAGE of FCGRT-937H	 The image shows a Tris-Bis PAGE gel. On the left, molecular weight markers (MK) are indicated at 140KD, 115KD, 80KD, 70KD, 50KD, 40KD, 30KD, 25KD, and 15KD. On the right, a single band (R) is visible at approximately 50KD.

**SEC-HPLC of
FCGRT-937H**

