

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

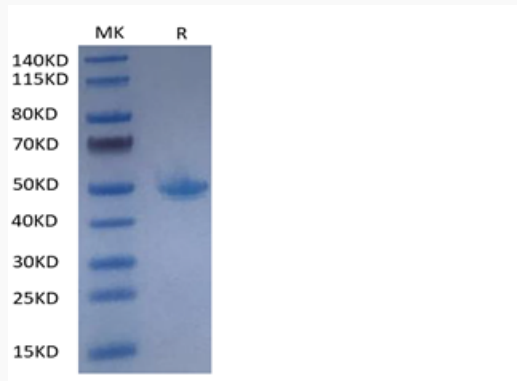
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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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**



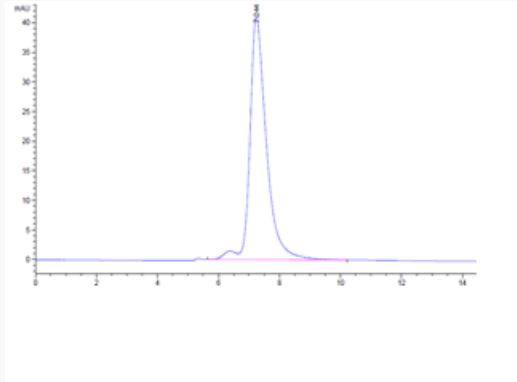
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**SEC-HPLC of
FCGRT-937H**



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