

# Active Recombinant Full Length Human FCGRT Protein, C-Flag-tagged

**Cat. No.** FCGRT-135HFL    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Full Length Human FCGRT Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
<b>Species</b>	Human
<b>Source</b>	Mammalian Cells
<b>Description</b>	This gene encodes a receptor that binds the Fc region of monomeric immunoglobulin G. The encoded protein transfers immunoglobulin G antibodies from mother to fetus across the placenta. This protein also binds immunoglobulin G to protect the antibody from degradation. Alternative splicing results in multiple transcript variants.
<b>Form</b>	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Bio-activity</b>	MS digestion standard
<b>Molecular Mass</b>	39.6 kDa
<b>AA Sequence</b>	<p>MGVPRPQPWALGLLLFLLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQ            QYLSYNLSLRGEAEP CGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGPY            TLQGLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAISQRWQ            QQDKAANKELTFLLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLT            CSAFSFYPPQLRFLRNGLAAGTGQGDFGPNSDGSFHASSSLTVKSGDEHHYCCI            VQHA GLAQPLRVELESPAKSSVLVVGIVIGVLLLLTAAVGGALLWRRMRSGLPAPWI</p>

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	SLRGDDTGVLPTPGEA QDADLKDVNVIPATATRTRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining.
<b>Stability</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>Storage</b>	Store at -80 centigrade.
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method.
<b>Preparation</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Protein Families</b>	Transmembrane
<b>Full Length</b>	Full L.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FCGRT Fc gamma receptor and transporter [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">FCGRT</a>
<b>Synonyms</b>	FCRN; FcgammaRn; alpha-chain
<b>Gene ID</b>	<a href="#">2217</a>
<b>mRNA Refseq</b>	<a href="#">NM_004107.5</a>

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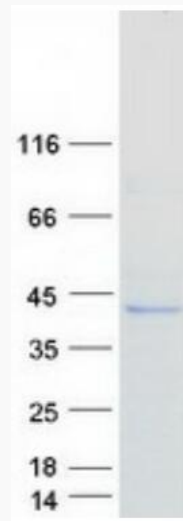
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**Protein Refseq**      [NP\\_004098.1](#)

**MIM**                    [601437](#)

**UniProt ID**            [P55899](#)



Coomassie blue staining of purified FCGRT protein.

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