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

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

SPECIFICATION

Product Overview	Recombinant Full Length Human FCGRT Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Bio-activity	MS digestion standard
Molecular Mass	39.6 kDa
AA Sequence	MGVPRPQPWALGLLLFLLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQ QYLSYNSLRGEAEP CGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGPY TLQGLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAISQRWQ QQDKAANKELTFLLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLT CSAFSFYPPELQLRFLRNGLAAGTGQGDFGPNSDGSFHASSSLTVKSGDEHHYCCI VQHA GLAQPLRVELESPAKSSVLVVGIVIGVLLLTAAAVGGALLWRRMRSGLPAPWI

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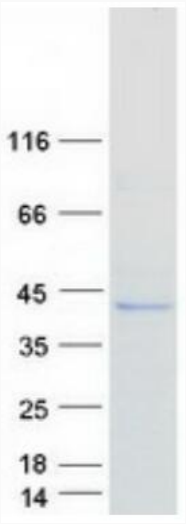
	SLRGDDTGVLLPTPGEA QDADLKDVNVIPATATRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at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

GENE INFORMATION

Gene Name	FCGRT Fc gamma receptor and transporter [Homo sapiens (human)]
Official Symbol	FCGRT
Synonyms	FCRN; FcgammaRn; alpha-chain
Gene ID	2217
mRNA Refseq	NM_004107.5

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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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