

## Product datasheet for TP327329

### FCGRT (NM\_001136019) Human Recombinant Protein

#### Product data:

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human Fc fragment of IgG, receptor, transporter, alpha (FCGRT), transcript variant 2, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC227329 representing NM_001136019 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  <p>MGVPRPQPWALGLLLFLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGAEAP CGAWWWENQVSWYWEKETDRLRIKEKLFLEAFKALGGKGPYTLQGLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAIQRWQQDKAANKELTFLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLTCSAFSFYPPELQLRFLRNLAAAGTGQGDFGPNSDGFSFHASSSLTVKSGDEHHYCCIVQHA GLAQPLRVELESPAKSSVLVGVIGVLLLLTAAAVGGALLWRRMRSGLPAPWISLRGDDTGVLPTPGEA QDADLKDVNVIPATA</p> <p><b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b></p>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	39.6 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<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>RefSeq:</b>	<u><a href="#">NP_001129491</a></u>



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Locus ID: 2217

UniProt ID: [P55899](#), [A0A024QZ12](#)

Cytogenetics: 19q13.33

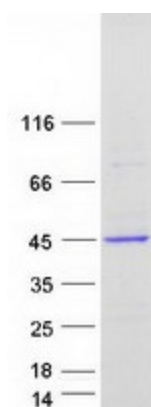
RefSeq ORF: 1095

Synonyms: alpha-chain; FCRN

**Summary:** 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. [provided by RefSeq, Apr 2009]

**Protein Families:** Transmembrane

### Product images:



Coomassie blue staining of purified FCGRT protein (Cat# TP327329). The protein was produced from HEK293T cells transfected with FCGRT cDNA clone (Cat# [RC227329]) using MegaTran 2.0 (Cat# [TT210002]).