

## Product datasheet for **TP300364L**

### FCGRT (NM\_004107) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgG, receptor, transporter, alpha (FCGRT), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200364 representing NM_004107 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)  MGVPRPQPWALGLLLFLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEP CGAWWWENQVSWYWEKETDRLRIKEKLFLEAFKALGGKGPYTLQLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAIQRWQQDKAANKELTFLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLTCSAFSFPPELQLRFLRNGLAAGTGQGDFGPNSDGSGFHASSSLTVKSGDEHHYCCIVQHA GLAQPLRVELESPAKSSVLVGVIGVLLLTAAAVGGALLWRRMRSGLPAPWISLRGDDTGVLPTPGEA QDADLKDVNVIPATA  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	39.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Bioactivity:	MS digestion standard (PMID: <a href="#">27012525</a> ) MS digestion standard (PMID: <a href="#">27232760</a> )
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_004098](#)

**Locus ID:** 2217

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

**RefSeq Size:** 1510

**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# [TP300364]). The protein was produced from HEK293T cells transfected with FCGRT cDNA clone (Cat# [RC200364]) using MegaTran 2.0 (Cat# [TT210002]).