

## Product datasheet for TP327329M

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

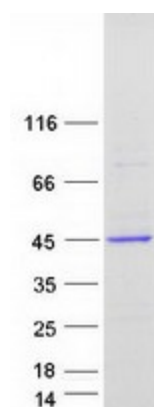
#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgG, receptor, transporter, alpha (FCGRT), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC227329 representing NM_001136019 <span style="color: red;">Red</span> =Cloning site <span style="color: green;">Green</span> =Tags(s) MGVPRPQPWALGLLLFLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEP CGAWWWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGPYTLQGLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALISQRWQQDKAANKELTLLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLTCSAFSFYPPQLRFLRNGLAAGTGQGDFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHA GLAQLRVELESPAKSSVLVGIVIGVLLLTAAAVGGALLWRRMRSGLPAPWISLRGDDTGVLPTPGEA QDADLKDVNVIPATA  <span style="color: red;">TR</span> <span style="color: green;">TRPLEQKLISEEDLAANDILDYKDDDDKV</span>
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
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.
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:	<u><a href="#">NP_001129491</a></u>


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Locus ID:	2217
UniProt ID:	<a href="#">P55899</a> , <a href="#">A0A024QZ12</a>
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]).