

## Product datasheet for PH300364

### FCGRT (NM\_004107) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	FCGRT MS Standard C13 and N15-labeled recombinant protein (NP_004098)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC200364
Predicted MW:	39.6 kDa
Protein Sequence:	>RC200364 representing NM_004107 Red=Cloning site Green=Tags(s)
	<p>MGVPRQPWALGLLLFLLPGSLGAESHL SLLYHLTAVSSPAPGTPAFWVSGWLGPPQYLSYNSLRGEAEP CGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGPYTLQGLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAI SQRWQQDKAANKELTFLLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLTCSAFSFYPPELQLRFLRNGLAAGTGQGDFGPNSDGSGFHASSSLTVKSGDEHHYCCIVQHA GLAQPLRVELESPAKSSVLVVGIVIGVLLL TAAAVGGALLWRRMRSGLPAPWISLRGDDTGVLLPTPGEA QDADLKDVNVIPATA</p> <p>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_004098</a></u>
RefSeq Size:	1510
RefSeq ORF:	1095
Synonyms:	alpha-chain; FCRN
Locus ID:	2217



[View online »](#)

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

Cytogenetics: 19q13.33

**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]).