

Product datasheet for TP300364L

OriGene Technologies, Inc.

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FCGRT (NM_004107) Human Recombinant Protein

Product data:

Sequence:

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 >RC200364 representing NM_004107 Clone or AA Red=Cloning site Green=Tags(s)

MGVPRPQPWALGLLLFLLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEP CGAWVWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGPYTLQGLLGCELGPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAISQRWQQQDKAANKELTFLLFSCPHRLREHLERGRGNLEWKEPPSMRLKAR PSSPGFSVLTCSAFSFYPPELQLRFLRNGLAAGTGQGDFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHA GLAQPLRVELESPAKSSVLVVGIVIGVLLLTAAAVGGALLWRRMRSGLPAPWISLRGDDTGVLLPTPGEA

QDADLKDVNVIPATA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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: <u>27012525</u>)

MS digestion standard (PMID: <u>27232760</u>)

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.





FCGRT (NM_004107) Human Recombinant Protein - TP300364L

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: <u>P55899</u>, <u>A0A024QZI2</u>

RefSeq Size: 1510

Cytogenetics: 19q13.33

RefSeq ORF: 1095

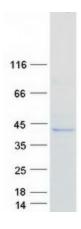
Synonyms: alpha-chain; FCRN

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]).