

Product datasheet for TP300364

FCGRT (NM_004107) Human Recombinant Protein

Product data:

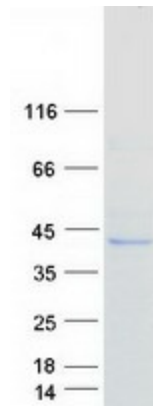
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Fc fragment of IgG, receptor, transporter, alpha (FCGRT), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC200364 representing NM_004107 Red =Cloning site Green =Tags(s) MGVPRPQPWALGLLLFLLPGSLGAESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPPQYLSYNLSLRGEAEP CGAWVWENQVSWYWEKETDRLRIKEKLFLEAFKALGGKGPYTLQGLLGCGLPDNTSVPTAKFALNGEEF MNFDLKQGTWGGDWPEALAIQRWQQQDKAANKELTFLFSCPHRLREHLERGRGNLEWKEPPSMRL KAR PSSPGFSVLTCSAFSFPPELQLRFLRNGLAAGTGQGDFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHA GLAQPLRVELESPAKSSVLVVGIVIGVLLLLTAAVGGALLWRRMRSGLPAPWISLRGDDTGVLLPTPGEA 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: 27012525) MS digestion standard (PMID: 27232760)
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
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]).