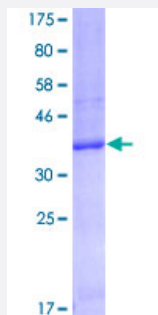


FCGRT (Human) Recombinant Protein (Q01)

Catalog # H00002217-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human FCGRT partial ORF (AAH08734, 51 a.a. - 160 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GWLGPQQYLSYNSLRGEAEP CGAWVWENQVSWYWEKETTDLRKEKLFLEAFKALGGKGPYTL QLLGCELGPDNTSVPTAKFALNGEEFMNFDLKQGTWGGDWPEALAI
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (72); Rat (71)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FCGRT

Entrez GeneID [2217](#)

GeneBank Accession# [BC008734](#)

Protein Accession# [AAH08734](#)

Gene Name FCGRT

Gene Alias FCRN, alpha-chain

Gene Description Fc fragment of IgG, receptor, transporter, alpha

Omim ID [601437](#)

Gene Ontology [Hyperlink](#)

Gene 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]

Other Designations FcRn alpha chain|IgG Gc receptor|neonatal Fc-receptor

Publication Reference

- [Internalization of bevacizumab by retinal endothelial cells and its intracellular fate: evidence for an involvement of the neonatal Fc receptor.](#)

Deissler HL, Lang GK, Lang GE.

Experimental Eye Research 2016 Feb; 143:49.

Application: WB, Bovine, Endothelial cells

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Lupus Nephritis](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)