

Recombinant Human FCGRT protein (Met1-Ser297), His & AVI-tagged

Cat. No. FCGRT-936H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human FCGRT (NP_004098.1) (Met1-Ser297) protein, fused with a C-terminal polyhistidine tagged AVI tag (AVI-his), was expressed in HEK293 Cells.
Species	Human
Source	HEK293
ProteinLength	1-297 a.a.
CommonName	FCGRT
Predicted N Terminal	Ala 24
Form	Lyophilized from sterile PBS, pH 7.4, 5 % trehalose, 5% mannitol and 0.01% Tween80.
Molecular Mass	The recombinant human FCGRT consists of 300 amino acids and predicts a molecular mass of 33.6 kDa. As a result of glycosylation, the apparent molecular mass is approximately 36.5 kDa & 13.6 kDa, corresponding to human FCGRT and human B2M respectively in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	FCGRT Fc fragment of IgG, receptor, transporter, alpha [Homo sapiens]
Official Symbol	FCGRT
Synonyms	FCGRT; Fc fragment of IgG, receptor, transporter, alpha; IgG receptor FcRn large subunit p51; alpha chain; FCRN; FcRn alpha chain; neonatal Fc receptor; neonatal Fc-receptor for Ig; IgG Fc fragment receptor transporter alpha chain; immunoglobulin receptor, intestinal, heavy chain; major histocompatibility complex class I-like Fc receptor; alpha-chain;
Gene ID	2217
mRNA Refseq	NM_001136019
Protein Refseq	NP_001129491
MIM	601437

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UniProt ID

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