

IgG receptor FcRn large subunit p51 (FCGRT) Recombinant Protein | FCGRT recombinant protein

Recombinant Human IgG receptor FcRn large subunit p51 (FCGRT), partial

CATALOG # AAA18413	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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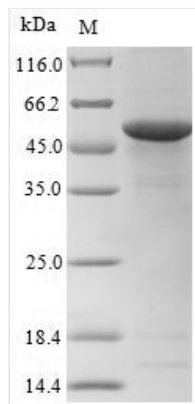
PRODUCT SYNONYMS

IgG receptor FcRn large subunit p51 (FCGRT); Recombinant Human IgG receptor FcRn large subunit p51 (FCGRT); partial; IgG Fc fragment receptor transporter alpha chain; Neonatal Fc receptor; FCGRT recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	24-297aa; Extracellular Domain
Sequence	AESHLISLLYH LTAVSSPAPG TPAFWVSGWL GPQQYLSYNS LRGEAEPCGA WVWENQVSWY WEKETDRLRI KEKLFLEAFK ALGGKGPLYL QLLGCELGP DNTSVPTAKF ALNGEEFMNF DLKQGTWGGD WPEALAIQR WQQQDKAANK ELTFLFSCP HRLREHLERG RGNLEWKEPP SMRLKARPSS PGFSVLTCSA FSFYPPQL RFLRNGLAAG TGQGDGFPNS DGSFHASSL TVKSGDEHHY CCIVQHAGLA QPLRVELESP AKSS
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for FCGRT recombinant protein	Binds to the Fc region of monomeric immunoglobulins gamma. Mediates the uptake of IgG from milk. Possible role in transfer of immunoglobulin G from mother to fetus.
Product Categories/Family for FCGRT recombinant protein	Immunology

References	A major histocompatibility complex class I-like Fc receptor cloned from human placenta possible role in transfer of immunoglobulin G from mother to fetus.Story C.M., Mikulska J., Simister N.E.J. Exp. Med. 180:2377-2381(1994) Partial sequence of the human fcgrt gene and its 5' upstream region.Tiwari B., Junghans R.P.Cloning and analysis of the gene encoding the human neonatal Fc receptor.Mikulska J.E., Pablo L., Canel J., Simister N.E.Eur. J. Immunogenet. 27:231-240(2000) The full-ORF clone resource of the German cDNA consortium.Bechtel S., Rosenfelder H., Duda A., Schmidt C.P., Ernst U., Wellenreuther R., Mehrle A., Schuster C., Bahr A., Bloecker H., Heubner D., Hoerlein A., Michel G., Wedler H., Koehrer K., Ottenwaelder B., Poustka A., Wiemann S., Schupp I.BMC Genomics 8:399-399(2007)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	209862839
NCBI GeneID	2217
NCBI Accession #	NP_001129491.1
NCBI GenBank Nucleotide #	NM_001136019.2
UniProt Accession #	P55899; Q5HYM5; Q9HBV7; Q9NZ19
Molecular Weight	32.4 kDa
NCBI Official Full Name	IgG receptor FcRn large subunit p51
NCBI Official Synonym Full Names	Fc fragment of IgG receptor and transporter
NCBI Official Symbol	FCGRT
NCBI Official Synonym Symbols	FCRN; alpha-chain
NCBI Protein Information	IgG receptor FcRn large subunit p51
UniProt Protein Name	IgG receptor FcRn large subunit p51
UniProt Gene Name	FCGRT
UniProt Synonym Gene Names	FCRN; FcRn
UniProt Entry Name	FCGRN_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.