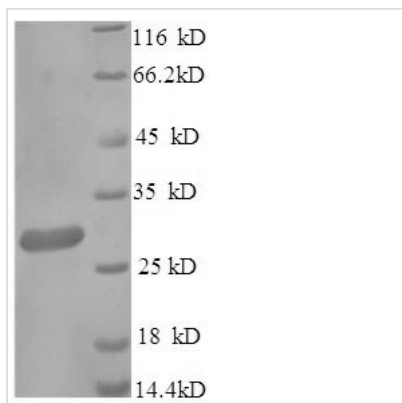




Recombinant Human IgG receptor FcRn large subunit p51 (FCGRT), partial

Product Code	CSB-YP008545HU
Relevance	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.
Abbreviation	Recombinant Human FCGRT protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P55899
Alias	IgG Fc fragment receptor transporter alpha chainNeonatal Fc receptor
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	AESHLSLLYHLTAVSSPAPGTPAFWVSGWLGPQQYLSYNSLRGEAEP CGAW VWENQVSWYWEKETTDLRIKEKLFLEAFKALGGKGPYTLQGLLGCELGPDNT SVPTAKFALNGEEFMNFDLKQGTWGGDWPEALAISQRWQQQDKAANKELTF LLFSCPHRLREHLERGRGNLEWKEPPSMRLKARPSSPGFSVLTCSAFSFP ELQLRFLRNGLAAGTGQGDGFGPNSDGSFHASSSLTVKSGDEHHYCCIVQHAG LAQPLRVELESPAKSS
Research Area	Immunology
Source	Yeast
Target Names	FCGRT
Protein Names	Recommended name: IgG receptor FcRn large subunit p51 Short name= FcRn Alternative name(s): IgG Fc fragment receptor transporter alpha chain Neonatal Fc receptor
Expression Region	24-297aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	32.4kDa
Protein Length	Extracellular Domain
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.