

Bioactive

HuPro®

FCGR2B (Human) Recombinant Protein

Catalog # P3685

Size 20 ug

Specification

Product Description	Human FCGR2B (P31994, extracellular domain) partial recombinant protein with C-terminal His tag expressed in HEK293 cells.
Host	Human
Theoretical MW (kDa)	30
Form	Lyophilized
Preparation Method	Mammalian cell (HEK293) expression system
Purity	> 95%, as determined by SDS-PAGE and HPLC.
Endotoxin Level	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1 EU/ug).
Activity	The activity was determined by the ability to bind human IgG2 with a linear range of 0.1-6 ug/mL.
Storage Buffer	Lyophilized from PBS, pH 7.2.
Storage Instruction	Store at -20°C on dry atmosphere. After reconstitution with distilled water to a concentration not less than 0.1 mg/mL, store at 4°C in working aliquots for one month, or at -20°C to -70°C for twelve months. Aliquot to avoid repeated freezing and thawing.
Note	This recombinant protein is a monomer protein consisting of 183 amino acid residue subunits, due to glycosylation migrates as an approximately 30 kDa protein on SDS-PAGE.

Applications

- SDS-PAGE

Gene Info — FCGR2B

Entrez GeneID	2213
Protein Accession#	P31994
Gene Name	FCGR2B
Gene Alias	CD32, CD32B, FCG2, FCGR2, IGFR2
Gene Description	Fc fragment of IgG, low affinity IIb, receptor (CD32)
Omim ID	152700 604590 611162
Gene Ontology	Hyperlink
Gene Summary	low affinity IIb
Other Designations	Fc fragment of IgG, low affinity II, receptor for (CD32) Fc fragment of IgG, low affinity IIb, receptor f or (CD32) Fc gamma RIIB OTTHUMP00000032379

Pathway

- [B cell receptor signaling pathway](#)
- [Fc gamma R-mediated phagocytosis](#)
- [Systemic lupus erythematosus](#)

Disease

- [Anti-Glomerular Basement Membrane Disease](#)
- [Arthritis](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chronic Periodontitis](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)

- [Glomerulonephritis](#)
- [Hepatitis](#)
- [Lichen Planus](#)
- [Lupus Erythematosus](#)
- [Lupus Nephritis](#)
- [Malaria](#)
- [Meningococcal Infections](#)
- [Pemphigoid](#)
- [Periapical Periodontitis](#)
- [Periodontitis](#)
- [Pneumococcal Infections](#)
- [Purpura](#)
- [Recurrence](#)
- [Thrombocytopenia](#)
- [Vasculitis](#)