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Human CellExp™ Biotinylated Fc gamma RI/CD64, human recombinant

High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma RIA

Catalog # PBV11459r

Specification

Human CellExp™ Biotinylated Fc gamma RI/CD64, human recombinant - Product info

Primary Accession	P12314
Calculated MW	**The protein has a calculated MW of 34.3 kDa. The reducing (R) protein migrates as 45-60 kDa in SDS-PAGE due to glycosylation. KDa**

Human CellExp™ Biotinylated Fc gamma RI/CD64, human recombinant - Additional Info

Gene ID	**2209**

Other Names
High affinity immunoglobulin gamma Fc receptor I, IgG Fc receptor I, Fc-gamma RI, FcRI, Fc-gamma RIA, FcgammaRIa, CD64 , FCGR1A

Gene Source	**Human**
Source	**HEK 293 cells**
Assay&Purity	**SDS-PAGE;≥92%**
Recombinant	**Yes**
Sequence	**Gln 16 – Pro 288**

Target/Specificity
Fc gamma RI

Application Notes
Reconstitute in sterile deionized water to a stock solution of 200 µg/mL. Solubilize for 30 to 60 minutes at room temperature with occasional gentle mixing. Carrier protein (0.1% (W/V) HSA or BSA) is recommended for further dilution and long term storage.

Format
Dry powder

Storage
-20°C;Lyophilized powder

Human CellExp™ Biotinylated Fc gamma RI/CD64, human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence

- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp™ Biotinylated Fc gamma RI/CD64, human recombinant - Images

Human CellExp™ Biotinylated Fc gamma RI/CD64, human recombinant - Background

Receptors that recognize the Fc portion of IgG are divided into three groups designated Fc gamma RI, RII, and RIII, also known respectively as CD64, CD32, and CD16. Fc gamma RI binds IgG with high affinity and functions during early immune responses. Fc gamma RII and RIII are low affinity receptors that recognize IgG as aggregates surrounding multivalent antigens during late immune responses.