

Fc gamma RIII/CD16

Catalog # PVGS1926

Product Information

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| Primary Accession Species | Q5D5I8 Mouse |
| Sequence | Leu32-Thr215 |
| Purity | > 95% as determined by Bis-Tris PAGE |
| Endotoxin Level | Less than 1EU per μ g by the LAL method. |
| Biological Activity | OKT3 captured on CM5 Chip via Protein A can bind Fc gamma RIII/CD16[Biotin], His & Avi, Mouse in SPR assay (Biacore T200). Test result was comparable to standard batch. |
| Expression System | HEK293 |
| Theoretical Molecular Weight | 23.97 kDa |
| Formulation Reconstitution | Lyophilized from a 0.22 μ m filtered solution in PBS, (pH 7.4). Centrifuge the tube before opening. Reconstituting to a concentration more than 100 μ g/ml is recommended. Dissolve the lyophilized protein in distilled water. |
| Storage & Stability | Upon receiving, the product remains stable up to 6 months at -20 °C or below. Upon reconstitution, the product should be stable for 3 months at -80 °C. Avoid repeated freeze-thaw cycles. |

Additional Information

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| Target Background | Immunoglobulin G (IgG) Fc receptors play a critical role in linking IgG antibody-mediated immune responses with cellular effector functions. A high resolution map of the binding site on human IgG1 for human Fc gamma RI, Fc gamma RIIA, Fc gamma RIIB, Fc gamma RIIIA, and FcRn receptors has been determined. A common set of IgG1 residues is involved in binding to all Fc gamma R; Fc gamma RII and Fc gamma RIII also utilize residues outside this common set. |
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Protein Information

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.