

Recombinant Mouse Fcgr3 Protein (Ala31-Thr215), C-10×His-tagged

Product Information

Cat	<i>IMP-9706</i>
Official Symbol	<i>Fcgr3</i>
Product Overview	<i>Recombinant Mouse Fc gamma RIII/CD16 protein (Ala31-Thr215) with a C-terminal 10-His tag was expressed in Mouse myeloma cell line.</i>
Description	<i>Enables IgG binding activity and IgG receptor activity. Acts upstream of or within several processes, including antibody-dependent cellular cytotoxicity; phagocytosis; and positive regulation of hypersensitivity. Located in external side of plasma membrane. Is expressed in liver and spleen. Human ortholog(s) of this gene implicated in several diseases, including autoimmune disease (multiple); dengue disease (multiple); hematologic cancer (multiple); leukopenia (multiple); and malaria (multiple). Orthologous to human FCGR2A (Fc fragment of IgG receptor IIa).</i>
Expression System	<i>Mouse myeloma cell line</i>
Species	<i>Mouse</i>
Tag	<i>C-10×His</i>
Predicted N Terminal	<i>Ala31</i>
Form	<i>Supplied as a 0.2 µm filtered solution in PBS.</i>
Molecular Mass	<i>Predicted Molecular Mass: 22.5 kDa SDS-PAGE: 30-45 kDa, reducing conditions</i>
Protein length	<i>Ala31-Thr215</i>
Bio-activity	<i>Measured by its ability to bind mouse IgG with an estimated Kd</i>
Endotoxin	
Purity	<i>>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie Blue Staining.</i>
Storage	<i>Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after opening. 3 months, -20 to -70 centigrade under sterile conditions after opening.</i>