Human IgG3-Fc / IGHG3 Protein

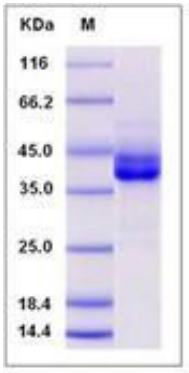
Catalog_no： BD-PD246330

Reactivity： human

Category： 抗原抗体

Size： 100 μg

详情：



Source： HEK293 Cells

Storage_stability： Samples are stable for up to twelve months from date of receipt at -20℃ to -80℃ Store it under sterile conditions at -20℃ to -80℃. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Other_name： IGHG3 Protein, Human

Background： IGHG3 (Immunoglobulin Heavy Constant Gamma 3 (G3m Marker), also known as IgG3) is a Protein Coding gene. Ig gamma-3 chain C region is a protein that in humans is encoded by the IGHG3 gene. Immunoglobulins, also known as antibodies, are membrane-bound or secreted glycoproteins produced by B lymphocytes. In the recognition phase of humoral immunity, the membrane-bound immunoglobulins serve as receptors which, upon binding of a specific antigen, trigger the clonal expansion and differentiation of B lymphocytes into immunoglobulins-secreting plasma cells. Murine immunoglobulin G (IgG) plays an important role in mediating protective immune responses to malaria. Diseases associated with IGHG3 include Heavy Chain Disease and Gamma Heavy Chain Disease. Among its related pathways are IL4-mediated signaling events and the Creation of C4 and C2 activators.

Notes： A DNA sequence encoding the human IgG3 Fc region (P01860) (Glu 99-Lys 377) was expressed and purified.

纯度： > 96 % as determined by SDS-PAGE

缓冲液： Lyophilized from sterile PBS, pH 7.4 Please contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information

运输及保存条件： In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen

	liquid. They are shipped out with blue ice unless customers require otherwise.
Molecular Weight(Da)：	The recombinant human IgG3-Fc consists of 279 amino acids and has a predicted molecular mass of 31.2 kDa. As a result of glycosylation, the apparent molecular mass of IgG3-Fc is approximately 38 kDa in SDS-PAGE under reducing conditions.
内毒素：	< 1.0 EU per μg of the protein as determined by the LAL method
生物活性：	Testing in progress