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Datasheet for ABIN7316859

IgG1 Protein (Asp239Glu-Mutant, Cys103Ser-Mutant, Leu241Glu-Mutant)

Overview

Quantity:	200 µg
Target:	IgG1
Protein Characteristics:	Asp239Glu-Mutant, Cys103Ser-Mutant, Leu241Glu-Mutant
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant

Product Details

Purpose:	Human IgG1 Fc (C103S, D239E, L241E) Protein, Tag Free (MALS verified)
Sequence:	Pro 100 - Lys 330
Characteristics:	Human IgG1 Fc (C103S, D239E, L241E), Tag Free is expressed from human 293 cells (HEK293). It contains AA Pro 100 - Lys 330 (Accession # P01857 (C103S, D239E, L241E).
Purity:	95,00 %
Endotoxin Level:	1.0 EU per µg
Grade:	MALS verified

Target Details

Target:	IgG1
Abstract:	IgG1 Products
Target Type:	Antibody

Target Details

Background:	Synonyms:IgG1,Description:Crystallizable fragments composed of the carboxy-terminal halves of both IMMUNOGLOBULIN HEAVY CHAINS linked to each other by disulfide bonds. Fc fragments contain the carboxy-terminal parts of the heavy chain constant regions that are responsible for the effector functions of an immunoglobulin (COMPLEMENT fixation, binding to the cell membrane via FC RECEPTORS, and placental transport). IgG1 Fc was reported has a novel role as a potential anti-inflammatory drug for treatment of human autoimmune diseases.
Molecular Weight:	26 kDa

Application Details

Comment:	This protein carries no "tag". The protein has a calculated MW of 26 kDa. The protein migrates as 31-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Storage:	-20 °C
Storage Comment:	-20°C