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Datasheet for ABIN7271665

IgG1 Protein (Cys103Ser-Mutant, Leu117Phe-Mutant, Leu118Glu-Mutant, Pro214Ser-Mutant) (His tag)

Overview

Quantity:	200 µg
Target:	IgG1
Protein Characteristics:	Cys103Ser-Mutant, Leu117Phe-Mutant, Leu118Glu-Mutant, Pro214Ser-Mutant
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This IgG1 protein is labelled with His tag.

Product Details

Purpose:	Human IgG1 Fc (C103S, L117F, L118E, P214S) Protein, His Tag
Sequence:	Glu 99 - Lys 330
Characteristics:	Human IgG1 Fc (C103S, L117F, L118E, P214S), His Tag (IG1-H52H9) is expressed from human 293 cells (HEK293). It contains AA Glu 99 - Lys 330 (Accession # P01857-1 (C103S, L117F, L118E, P214S)).
Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	IgG1
Abstract:	IgG1 Products

Target Details

Target Type:	Antibody
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:	28 kDa

Application Details

Application Notes:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 28 kDa. The protein migrates as 30-33 kDa under reducing (R) condition due to glycosylation.
Restrictions:	For Research Use only

Handling

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