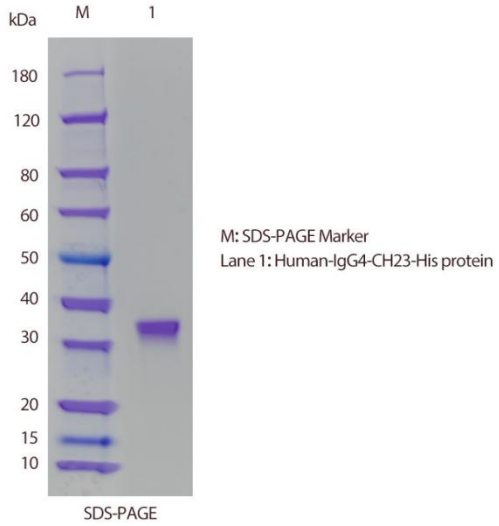
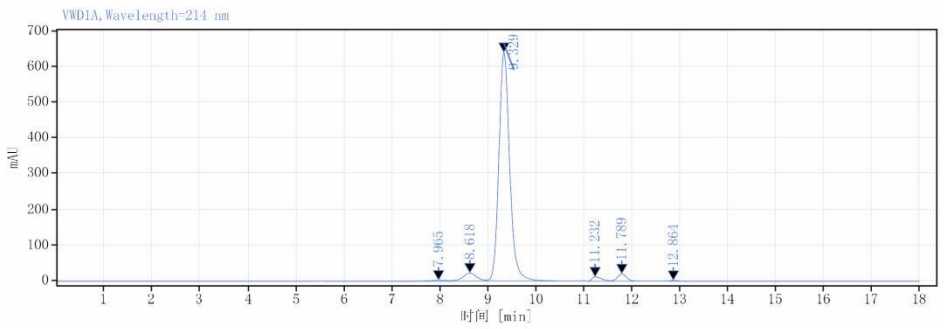
Human IgG4 CH23 Protein

Cat.No:DTP0163

DESCRIPTION

Name	Human IgG4 CH23 Protein
Describe	Integrating HIS tags to express in eukaryotic systems
Purity	>90%as determined by SDS-PAGE&HPLC
Expressing Host	293 Cells
Species	Human
molecular weight	32kDa
Buffer solution	50mM Tris，300mM NaCl，5%Sucrose，PH:8.5
Stability & Storage	-80 ℃ packaging and storage to avoid repeated freezing and thawing
Background	Immunoglobulin G4 (IgG4) is a member of immunoglobulin G produced and secreted by many effective B cells. After gastric protease cleavage, IgG is divided into two F (ab) fragments, each with an antigen binding site and a highly conserved Fc fragment. The Fc segment has highly conserved N-glycosylation sites. The Fc region of the Ig γ -4 chain contains two constant regions (CH2, CH3) of the IgG4 H chain. The characteristic of IgG4 is its ability to form semi antibody molecules through a process called Fab arm exchange, which can lead to the production of bispecific antibodies. Compared with other IgG, this subclass has less inflammation and plays an important role in immune tolerance and regulation. It is used for research and therapeutic applications, particularly for developing antibodies for autoimmune diseases and cancer treatment.
SDS-PAGE	

HPLC



信号: VWD1A,Wavelength=214 nm

保留时间 [min]	类型	峰宽 [min]	峰面积	峰高	峰面积%	名称
9.329	VB	1.69	10016.55	639.83	91.00	human IgG4 CH23

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