

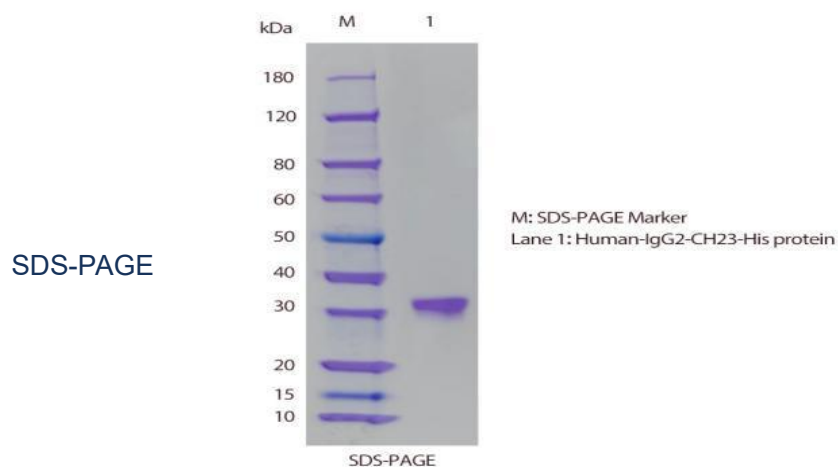
Human IgG2 CH23 Protein

Cat.No:DTP0161

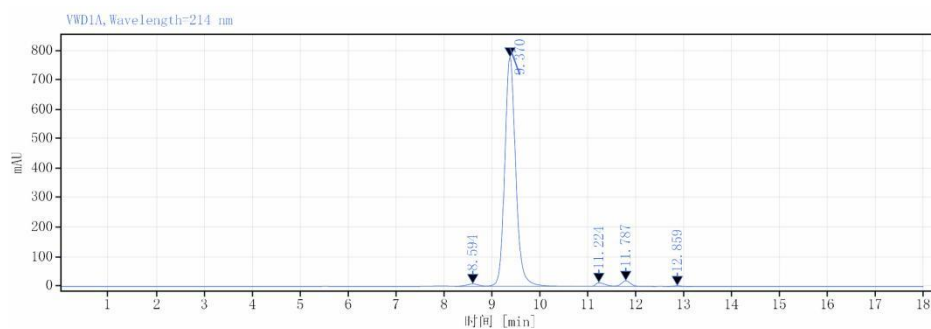
DESCRIPTION

Name	Human IgG2 CH23 Protein
Describe	Integrating HIS tags to express in eukaryotic systems
Purity	>95%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 °C packaging and storage to avoid repeated freezing and thawing

Background The human IgG2 CH23 protein is an important component of the human immune system, derived from the IgG2 subclass of immunoglobulins. IgG2 antibodies play a crucial role in regulation and complement activation, aiding in the neutralization of pathogens. The IgG2 Fc region, including CH2 and CH3 domains, has been studied for its structural changes during Fc conformational changes. The CH2-CH3 interface is highly conserved and plays a functional role in regulating the binding of Fc γ R and other proteins to Fc. This protein fragment is typically expressed in HEK293 cells and used for various biomedical applications, including research, diagnosis, and treatment. Its high specificity and affinity make it a valuable tool for studying immune responses and developing new therapies for diseases.



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
9.370	VB	1.81	12353.42	777.63	95.42	human IgG2 CH23

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