

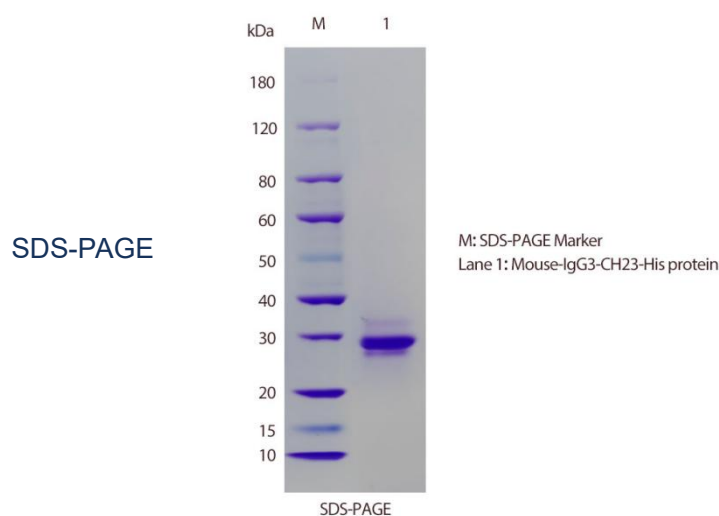
Mouse IgG3 CH23 Protein

Cat.No:DTP0160

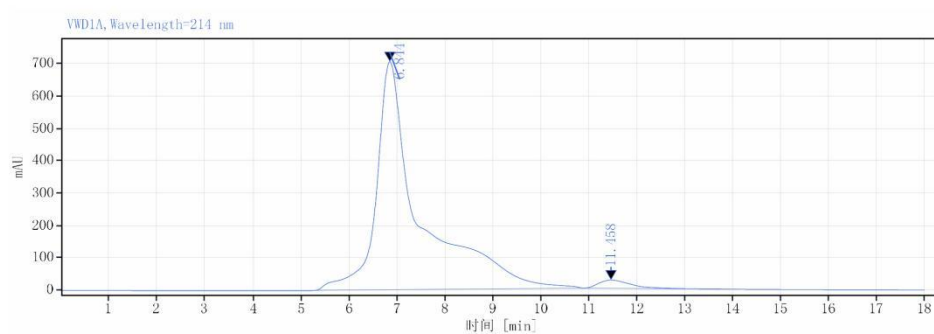
DESCRIPTION

Name	Mouse IgG3 CH23 Protein
Describe	Integrating HIS tags to express in eukaryotic systems
Purity	>95%as determined by SDS-PAGE&HPLC
Expressing Host	293 Cells
Species	Mouse
molecular weight	29kDa
Buffer solution	1*PBS, PH:7.4
Stability & Storage	-80 °C packaging and storage to avoid repeated freezing and thawing

Background Immunoglobulin G3 (IgG3) 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 C region of the Ig γ -3 chain (IgG3 Fc/IGHG3) contains two constant regions (CH2, CH3) of the IgG3 H chain. The CH23 domain is crucial for its function, as its glycosylation and charge characteristics affect its affinity. Mouse IgG3 has potential therapeutic applications, particularly in the development of chimeric antibodies for infectious diseases.



HPLC



保留时间 [min]	类型	峰宽 [min]	峰面积	峰高	峰面积%	名称
6.844	MM m	5.59	44561.11	706.12	97.28	mouse IgG3 CH23
11.458						

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