

RPT0041

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Recombinant Human IgA2 Protein

Catalog No.: RPT0041

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	3494	P01877-1

Tags

N-His

Synonyms

Immunoglobulin heavy constant alpha 2 ; Ig alpha-2 chain C region ; IGHA2

Product Information

Source

Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Purification

≥ 95 % as determined by SDS-PAGE.

Endotoxin

< 1 EU/μg of the protein by LAL method.

Formulation

Lyophilized from 0.22 μm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.

Reconstitution

Background

Contributes to immunoglobulin receptor binding activity. Involved in glomerular filtration and positive regulation of respiratory burst. Located in extracellular space. Part of monomeric IgA immunoglobulin complex and secretory dimeric IgA immunoglobulin complex.

Basic Information

Description

Recombinant Recombinant Human IgA2 Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Cys109-Tyr340) of Human IgA1 (Accession #P01877-1) fused with His tag at the N-terminus.

Bio-Activity

Shipping

Lyophilized proteins are shipped at ambient temperature. Liquid proteins are shipped at frozen temperature with dry ice. Upon receipt, store it immediately at the temperature recommended below.

Operational Notes

For your safety and health, please wear a lab coat and disposable gloves for handling.

Storage

Store at -20°C
Avoid repeated freeze/thaw cycles.

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Contact



www.abclonal.com
