Recombinant Human IgA2 Protein

Catalog No.: RPT0041

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Sequence Information

Species
Human

Gene ID
3494

Swiss Prot
P01877-1

Tags
N-His

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

Product Information

Source
HEK293 cells

Purification
≥ 95 % as determined by SDS-PAGE.

Calculated MWObserved MW
26 kDa

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
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 stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

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.

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.

Storage
Store at -20℃

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

Contact

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Validation Data

No validation data available.