

Recombinant Human IgA2 Protein

Catalog No.: RPT0030 **Recombinant**

Sequence Information

Species	Gene ID	Swiss Prot
Human	3494	P01877-1

Tags

N-His

Synonyms

Immunoglobulin heavy constant alpha 2
Ig alpha-2 chain C region [IGHA2]

Product Information

Source	Purification
HEK293 cells	≥ 95 % as determined by SDS-PAGE.

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

Contact

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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

The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature recommended below.

Storage

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week. Avoid repeated freeze/thaw cycles.

Operational Notes

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