

RPT0025

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Recombinant Mouse IgG2B Protein

Catalog No.: RPT0025

Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	16016	P01867-2

Tags

N-His

Synonyms

Ighg2b;Igh-3;Ig gamma-2B chain C region ;Immunoglobulin heavy constant gamma 2B

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

≥ 90 % as determined by SDS-PAGE.

Endotoxin

< 0.01 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

IgG2b, Type I receptor for TGF-beta family ligands BMP9/GDF2 and BMP10 and important regulator of normal blood vessel development. On ligand binding, forms a receptor complex consisting of two type II and two type I transmembrane serine/threonine kinases. Type II receptors phosphorylate and activate type I receptors which autophosphorylate, then bind and activate SMAD transcriptional regulators. May bind activin as well.

Basic Information

Description

Recombinant Mouse IgG2B Protein Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Glu97-Lys335) of Mouse IgG2b (Accession #P01867-2) fused with a 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.

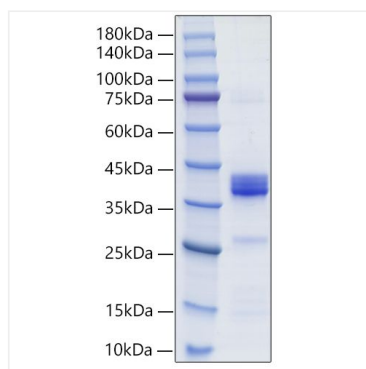
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Contact



www.abclonal.com

Validation Data



Recombinant Mouse IgG2B Protein was determined by SDS-PAGE under reducing conditions with Coomassie Blue.