

RPCB0614

Product Information

Product SKU: RPCB0614 **Gene ID:** 2217 **Size:** 100µg
Tag: C-His **Reactivity:** Human

Additional Information

Expression Host: HEK293 cells **Swissprot:** P55899-1(FCGRT)&P61769-1(B2M)
Purity: > 95% by SDS-PAGE ; > 95% by HPLC

Protein Information

Background: The neonatal Fc receptor (FCRN) is an approximately 45 kDa transmembrane glycoprotein with structural homology to MHC class I proteins. It is widely expressed in endothelial and epithelial cells and plays an important role in IgG homeostasis and antigen presentation by dendritic cells. FCGRT & B2M heterodimer protein (FcRn complex) consist of two subunits: p51, and p14, and forms an MHC class I-like heterodimer.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Human FcRn/FCGRT&B2M Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

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.

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.