

RGMB Protein, Mouse, Recombinant (aa 49-414, His)

General Information

Synonyms:	Repulsive guidance molecule B;DRAGON;Rgmb
Protein Construction:	Gly49-Ser414
Species:	Mouse
Expression Host:	HEK293 Cells
Accession:	Q7TQ33
Molecular Weight:	40.9 kDa (Predicted), (16-22)&(33-43) kDa (reducing conditions)
AA Sequence:	Gly49-Ser414

QC Testing

Biological Activity:	Immobilized Recombinant Mouse RGMB (C-6xHis) (TMPJ-01475) at 5 µg/mL (100 µL/well) can bind Recombinant Mouse PD-L2 (C-Fc).The ED50 of Recombinant Mouse PD-L2 (C-Fc) is 1.126 µg/mL.
Purity:	> 95% as determined by SDS-PAGE.
Endotoxin:	< 1.0 EU/µg of the protein as determined by the LAL method.
Formulation:	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Preparation and Storage

Reconstitution:

Reconstitute the lyophilized protein in distilled water. The product concentration should not be less than 100 µg/ml. Before opening, centrifuge the tube to collect powder at the bottom. After adding the reconstitution buffer, avoid vortexing or pipetting for mixing.

Stability & Storage:

Lyophilized powders can be stably stored for over 12 months, while liquid products can be stored for 6-12 months at -80°C. For reconstituted protein solutions, the solution can be stored at -20°C to -80°C for at least 3 months. Please avoid multiple freeze-thaw cycles and store products in aliquots.

Actual storage temperature shall be subject to the COA.

Shipping:

In general, lyophilized powders are shipped with blue ice, while solutions are shipped with dry ice.

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