

Recombinant Human RGMB protein, His-tagged

Cat. No. RGMB-526H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RGMB protein(Q6NW40)(Gly46-Ser411), fused with C-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Gly46-Ser411
Tag	C-His
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Bio-activity	Immobilized Recombinant Human RGMB (C-6His) at 10 µg/ml (100 µl/well) can bind Recombinant Human BMP-4: Biotinylated by NHS-biotin prior to testing. The ED50 of Recombinant Human BMP-4 is 0.92 µg/ml.
Molecular Mass	41.2 KDa
Endotoxin	< 1 EU/µg as determined by LAL test.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Storage	Lyophilized protein should be stored at ≤ -20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days.

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Aliquots of reconstituted samples are stable at $\leq -20^{\circ}\text{C}$ for 1 months.

Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting.
It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g/ml}$.
Dissolve the lyophilized protein in distilled water.
Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

GENE INFORMATION

Gene Name RGMB RGM domain family, member B [Homo sapiens]

Official Symbol RGMB

Synonyms

RGMB; RGM domain family, member B; RGM domain family member B; FLJ90406; repulsive guidance molecule B; DRG11-responsive axonal guidance and outgrowth of neurite; DRAGON; MGC86970; DKFZp434P228;

Gene ID 285704

mRNA Refseq NM_001012761

Protein Refseq NP_001012779

MIM 612687

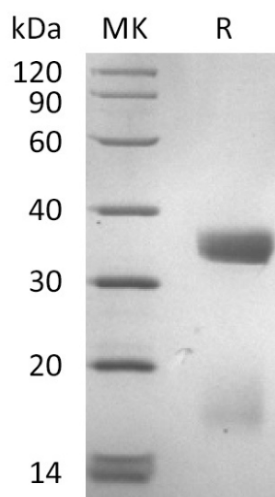
UniProt ID Q6NW40

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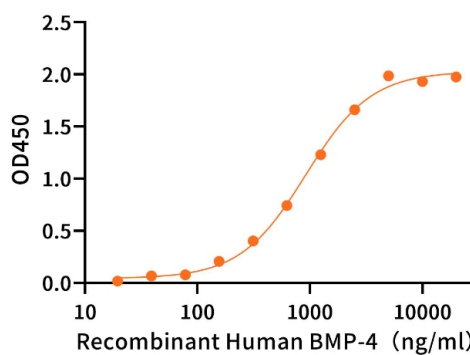
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SDS-PAGE



ELISA



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