

RGM-C Protein, Mouse (HEK293, His)

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| Cat. No.: | HY-P78029 |
| Synonyms: | Hemojuvelin; Rgmc; DL-M; HFE2; HFE2AMGC23953; HJV; JH; RGM-C; RGM-C |
| Species: | Mouse |
| Source: | HEK293 |
| Accession: | Q7TQ32-1 (G33-A393) |
| Gene ID: | 69585 |
| Molecular Weight: | 55-60 kDa&36-40 kDa&20-25 kDa |

PROPERTIES

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| Appearance | Solution. |
| Formulation | Supplied as a 0.22 µm filtered solution of PBS, pH 7.4. |
| Endotoxin Level | <1 EU/µg, determined by LAL method. |
| Reconstitution | N/A. |
| Storage & Stability | Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles. |
| Shipping | Shipping with dry ice. |

DESCRIPTION

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| Background | RGM-C serves as a bone morphogenetic protein (BMP) coreceptor, playing a pivotal role in the regulation of hepcidin (HAMP) expression and influencing iron homeostasis by enhancing BMP signaling. It interacts with BMP2, BMP4, BMP6, BMPR1B, and Tmprss6, establishing a network of molecular associations that collectively contribute to its role in mediating BMP-related signaling pathways and modulating iron regulatory processes. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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