

CMG-2/ANTXR2 Protein, Mouse (HEK293, Fc)

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| Cat. No.: | HY-P76152 |
| Synonyms: | Anthrax toxin receptor 2; Capillary morphogenesis gene 2 protein; CMG-2; ANTXR2 |
| Species: | Mouse |
| Source: | HEK293 |
| Accession: | Q6DFX2 (M1-G318) |
| Gene ID: | 71914 |
| Molecular Weight: | Approximately 57.9 kDa. |

PROPERTIES

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| Appearance | Lyophilized powder. |
| Formulation | Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization. |
| Endotoxin Level | <1 EU/ μ g, determined by LAL method. |
| Reconstitution | It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O. |
| Storage & Stability | Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage. |
| Shipping | Room temperature in continental US; may vary elsewhere. |

DESCRIPTION

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| Background | CMG-2/ANTXR2 protein is indispensable for cellular interactions with laminin and the extracellular matrix, indicating its pivotal role in mediating adhesion and communication between cells and their surrounding environment. This protein exhibits a specific binding affinity for laminin, emphasizing its involvement in the regulation of laminin-dependent cellular processes. Furthermore, there is a suggestion of potential interaction with collagen type IV, broadening its scope of engagement with key components of the extracellular matrix. The capacity of CMG-2/ANTXR2 to bind to laminin and possibly collagen type IV underscores its significance in cellular adhesion and matrix-related functions, contributing to the intricate framework of cellular interactions within tissues. |
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Caution: Product has not been fully validated for medical applications. For research use only.

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