

CMG-2/ANTXR2 Protein, Human (HEK293, His)

Cat. No.:	HY-P700656
Synonyms:	Antxr2; HFS; cl-35; CMG-2; CMG2; ISH; JHF; JHS
Species:	Human
Source:	HEK293
Accession:	NP_477520.2 (Q34-G318)
Gene ID:	118429
Molecular Weight:	38-43 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μ m filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant 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

Background	The CMG-2/ANTXR2 protein serves as a receptor for anthrax toxin and exhibits a binding affinity for collagen IV and laminin, indicating its potential involvement in extracellular matrix adhesion. Mutations in this gene have been identified as the cause of juvenile hyaline fibromatosis and infantile systemic hyalinosis. Several transcript variants encoding different isoforms have been discovered for this gene. It shows a wide expression pattern across various tissues, including the prostate, endometrium, and 21 other tissues. This information is provided by RefSeq as of March 2009.
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Caution: Product has not been fully validated for medical applications. For research use only.

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