

CCN family member 2 (CCN2) Active Protein | CCN2 active protein

Recombinant Macaca mulatta CCN family member 2 (CCN2)(Active)

CATALOG #
AAA279370

HOST
Mammalian Cell

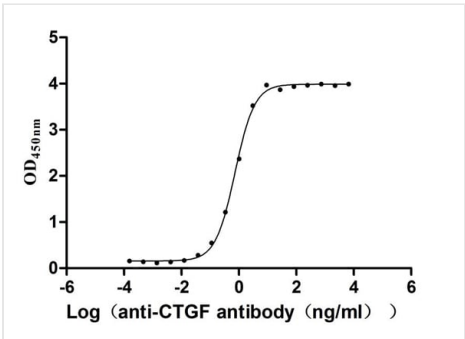
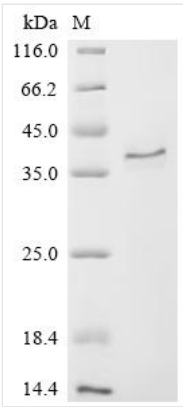
PRODUCT SYNONYMS

CCN family member 2 (CCN2); Recombinant Macaca mulatta CCN family member 2 (CCN2)(Active); Cellular communication network factor 2;Connective tissue growth factor; CCN2 active protein

PRODUCT SPECIFICATIONS

Host	Mammalian Cell
Purity/Purification	Greater than 95% as determined by SDS-PAGE.
Form/Format	Lyophilized powder; Lyophilized from a 0.2um sterile filtered PBS, 6% Trehalose, pH 7.4
Sequence	QNCSGPCRCP AEQAPRCFAG VSLVLDGCGC CRVCAKQLGE LCTERDPCDP HKGLFCDFGS PANRKIGVCT AKDGAPCIFG GTVYRSGESF QSSCKYQCTC LDGAVGCMPL CSMDVRLPSP DCPFPRRVKL PGKCCEEVWC DEPKDQTVVG PALAAYRLED TFGPDPTMIR ANCLVQTTEW SACSCTCGMG ISTRVTNDNA SCRLEKQSRL CMVRPCEADL EENIKKGKKC IRTPKISKPI KFELSGCTSV KTYRAKFCGV CTDGRCCTPH RTTTTLPVEFK CPDGEVMKKK MMFIKTCACH YNCPGDNDIF ESLYRKMYG DMA
Sequence Length	27-349aa; Full Length of Mature Protein
Species	Macaca mulatta (Rhesus macaque)
Tag	C-terminal 10xHis-tagged
Endotoxin	Less than 1.0 EU/ug as determined by LAL method.
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Rhesus macaque CTGF at 1ug/mL can bind Anti-CTGF recombinant antibody . The EC50 is 0.6886-0.7825ng/mL.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20 degree C/-80 degree C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
Preparation and Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 degree C/-80 degree C. The shelf life of lyophilized form is 12 months at -20 degree C/-80 degree C. Notes: Repeated freezing and thawing is not recommended. Store working aliquots at 4 degree C for up to one week.

IMAGES



Activity

SDS-PAGE
Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

ADDITIONAL INFORMATION

References	Evolutionary and biomedical insights from the rhesus macaque genome. Gibbs R.A., Rogers J., Katze M.G., Bumgarner R., Weinstock G.M., Mardis E.R., Remington K.A., Strausberg R.L., Venter J.C., Zwing A.S.Science 316:222-234 (2007)
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NCBI AND UNIPROT INFORMATION

UniProt Accession #	H9FQD5
Molecular Weight	36.8kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/mammalian-cell-active-protein/ccn-family-member-2-ccn2/279370>