

CORS26 Protein, Mouse (Myc, His)

Cat. No.:	HY-P71639
Synonyms:	C1qtnf3; Cors26; Ctrp3; Complement C1q tumor necrosis factor-related protein 3; Collagenous repeat-containing sequence 26kDa protein; CORS26; Secretory protein CORS26
Species:	Mouse
Source:	E. coli
Accession:	Q9ES30 (23Q-246K)
Gene ID:	81799
Molecular Weight:	Approximately 31.1 kDa

PROPERTIES

AA Sequence	<pre> Q D E Y M E S P Q A G G L P P D C S K C C H G D Y G F R G Y Q G P P G P P G P P G I P G N H G N N G N N G A T G H E G A K G E K G D K G D L G P R G E R G Q H G P K G E K G Y P G V P P E L Q I A F M A S L A T H F S N Q N S G I I F S S V E T N I G N F F D V M T G R F G A P V S G V Y F F T F S M M K H E D V E E V Y V Y L M H N G N T V F S M Y S Y E T K G K S D T S S N H A V L K L A K G D E V W L R M G N G A L H G D H Q R F S T F A G F L L F E T K </pre>
Appearance	Lyophilized powder.
Formulation	Lyophilized after extensive dialysis against solution in Tris-based buffer, 50% glycerol.
Endotoxin Level	<1 EU/μg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μg/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	<p>C1q/ TNF-associated proteins (CTRPs) are a family of secreted proteins with a specific structure. Complement C1q tumor necrosis factor-related protein 3 shows anti-inflammatory action in psoriasis via the LAMP1-STAT3 axis. C1qtnf3 improves protein-induced severe acute pancreatitis in mice via the SIRT1/NF-κB/p53 axis. C1qtnf3 regulates NF-κB and TGF-β1/Smad3 pathways to reduce airway inflammation and remodeling in ovalbumin (OVA) -induced asthmatic mice. C1qtnf3 inhibited the expression of antimicrobial peptide (CAMP) in adipocytes induced by Toll-like receptors (TLR)^{[1][2][3][4]}.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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