Active Recombinant Mouse Ccn3 protein

Cat. No. Ccn3-232M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse Ccn3 protein(Q64299)(22-354 aa) was expressed in E.coli.
Species	Mouse
Source	E.coli
ProteinLength	22-354 aa
Form	Lyophilized from a 0.2 μm filtered concentrated solution in 20 mM Tris-HCl, pH 8.6, 150 mM NaCl.
Bio-activity	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/c 3T3 cells is less than 1.0 μg/ml, corresponding to a specific activity of > 1000 IU/mg.
Molecular Mass	Approximately 36.4 kDa, a single non-glycosylated polypeptide chain containing 333 amino acids.
AASequence	QVSASLRCPS RCPPKCPSIS PTCAPGVRSV LDGCSCCPVC ARQRGESCSE MRPCDQSSGL YCDRSADPNN QTGICMVPEG DNCVFDGVIY RNGEKFEPNC QYFCTCRDGQ IGCLPRCQLD VLLPGPDCPA PRKVAVPGEC CEKWTCGSDE QGTQGTLGGL ALPAYRPEAT VGVEVSDSSI NCIEQTTEWS ACSKSCGMGV STRVTNRNRQ CEMVKQTRLC IVRPCEQEPE EVTDKKGKKC LRTKKSLKAI HLQFENCTSL YTYKPRFCGV CSDGRCCTPH NTKTIQVEFQ CLPGEIIKKP

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	VMVIGTCTCY SNCPQNNEAF LQDLELKTSR GEI
Endotoxin	Less than 0.1 EU/μg of rMuNOV as determined by LAL method.
Purity	>95% by SDS-PAGE and HPLC analyses.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. - 12 months from date of receipt, -20 to -70 °C as supplied. - 1 month, 2 to 8 °C under sterile conditions after reconstitution. - 3 months, -20 to -70 °C under sterile conditions after reconstitution.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

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