

## Active Recombinant Mouse Ccn3 protein

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

### SPECIFICATION

<b>Product Overview</b>	Active Recombinant Mouse Ccn3 protein(Q64299)(22-354 aa) was expressed in E.coli.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	22-354 aa
<b>Form</b>	Lyophilized from a 0.2 µm filtered concentrated solution in 20 mM Tris-HCl, pH 8.6, 150 mM NaCl.
<b>Bio-activity</b>	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.
<b>Molecular Mass</b>	Approximately 36.4 kDa, a single non-glycosylated polypeptide chain containing 333 amino acids.
<b>AASequence</b>	QVSASLRCP S RCPPKCPSIS PTCAPGVRSV LDGCSCCPVC ARQRGESCSE MRPCDQSSGL YCDRSADPNN QTGICMVPEG DNCVFDGVIY RNGEKFEPC QYFCTCRDGG IGCLPRCQLD VLLPGDPCA PRKVAVPGEC CEKWTCGSDE QGTQGLGGL ALPAYRPEAT VGVEVSDSSI NCIEQTTEWS ACSKSCGMGV STRVTNRNRQ CEMVKQTRLC IVRPCEQEPE EVTDKKGKKC LRTKKS LKAI HLQFENCTSL YTYKPRFCGV CSDGRCCTPH NTKTIQVEFQ CLPGEI I KKP

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VMVIGTCTCY SNCPQNNEAF LQDLELKTSR GEI

**Endotoxin**

Less than 0.1 EU/μg of rMuNOV as determined by LAL method.

**Purity**

&gt;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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