

Product Datasheet

Recombinant Human Cyr61/CCN1 Protein NBP2-34944-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Publications: 2

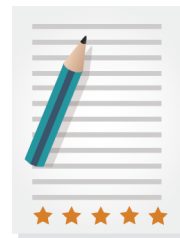
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NBP2-34944-5ug

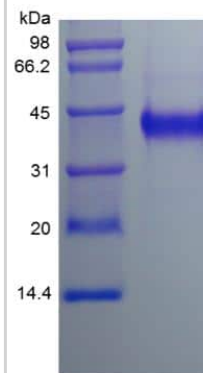
Recombinant Human Cyr61/CCN1 Protein

Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in citrate buffer solution, 300 mM NaCl, pH 3.0.
Target Molecular Weight	39.4 kDa

Product Description	
Description	<p>A single non-glycosylated polypeptide chain containing 357 amino acids corresponding to Cyr61/CCN1 Source: <i>E. coli</i></p> <p>Uniprot ID: O00622</p> <p>Amino Acid Sequence: T CPAACHCPL EAPKCAPGVG LVRDGC GCK VCAKQLNEDC SKTQPCDHTK GLECNFGASS TALKGICRAQ SEGRPCEYNS RIYQNGESFQ PNCKHQCTCI DGAVGCIPLC PQELSLPNLG CPNPRLVKVT GQCCEEWVCD EDSIKDPMED QDGLLGKELG FDASEVELTR NNELIAVGKG SSLKRLPVFG MEPRILYNPL QGQKCIQTT SWSQCSKTCG TGISTRVTND NPECLVKET RICEVRPCGQ PVYSSLKKGK KCSKTKKSPE PVRFTYAGCL SVKKYRPKYC GSCVDGRCT PQLTRTVKMR FRCEGETFS KNVMMIQSCK CNYNCPHANE AAFPYRLFN DIHKFRD</p>
Gene ID	3491
Gene Symbol	CCN1
Species	Human
Details of Functionality	Fully biologically active when compared to standard. The ED50 as determined by a cell proliferation assay using murine Balb/3T3 cells is less than 3.0 ug/ml, corresponding to a specific activity of > 330 IU/mg.
Endotoxin Note	Less than 1 EU/ug of Cyr61/CCN1 as determined by LAL method.
Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human Cyr61/CCN1 Protein [NBP2-34944]



Publications

Brian Noh, Maria P Blasco-Conesa, Yun-Ju Lai, Bhanu Priya Ganesh, Akihiko Urayama, Ines Moreno-Gonzalez, Sean P Marrelli, Louise D McCullough, Jose Felix Moruno-Manchon G-quadruplexes Stabilization Upregulates CCN1 and Accelerates Aging in Cultured Cerebral Endothelial Cells. *Frontiers in aging* 2021-10-18 [PMID: 35822045]

Jun Ji, Lau Lf CCN1 is an opsonin for bacterial clearance and a direct activator of Toll-like receptor signaling *Nat Commun* 2020-03-06 [PMID: 32144270]



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Products Related to NBP2-34944-5ug

NB100-356PEP	Cyr61/CCN1 Antibody Blocking Peptide
210-TA-005	TNF-alpha [Unconjugated]
NB100-356	Cyr61/CCN1 Antibody - BSA Free
DVE00	VEGF [HRP]

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