

Product datasheet for **AR03045PU-N**

CTGF Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CTGF human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGHHHHHHHH HHSSGHIEGR HMRQNCSGPC RCPDEPAPRC PAGVSLVLDG CGCCRVCAKQ LGELCTERDP CDPHKGLFCD FGSPANRKIG VCTAKDGAPC IFGGTVYRSG ESFQSSCKYQ CTCLDGAVGC MPLCSMDVRL PSPDCPFRR VKLPGKCCEE WVCDEPKDQT VVGPALAAAY LEDTFGPDPT MIRANCLVQT TEWSACSKTC GMGISTRVTN DNASCRLKQ SRLCMVRPCE ADLEENIKKG KKCIRTPKIS KPIKFELSGC TSMKTYRAKF CGVCTDGRCC TPHRTTTLPV EFKCPDGEVM KKNMMFIKTC ACHYNCPGDN DIFESLYYRK MYGDMA
Predicted MW:	38.3 kDa
Concentration:	lot specific
Purity:	>95% pure.
Buffer:	Presentation State: Purified State: Lyophilized (0.4 µm filtered) protein. Buffer System: 0.05 M Acetate buffer pH4 Preservative: 4% Mannitol Stabilizer: 1% Sucrose
Reconstitution Method:	Add 0.2 ml of 0.1M Acetate buffer pH 4 to prepare a working stock solution of approximately 0.5 mg/ml and let the lyophilized pellet dissolve completely at 37°C. For conversion into higher pH value, we recommend intensive dilution by relevant buffer to a concentration of 10 µg/mL. In higher concentrations the solubility of this antigen is limited. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Preparation:	Lyophilized (0.4 µm filtered) protein.
Applications:	Western Blotting.
Protein Description:	Recombinant Human CTGF. Total 346 AA. Molecular Weight: 38.3 kDa (Calculated). N-Terminal His-tag and Xa - cleavage site, 23 extra AA (highlighted).



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Note:	<u>Quality Control Test:</u> BCA to determine quantity of the protein. SDS PAGE to determine purity of the protein.
Storage:	Prior to reconstitution store at -20°C. Following reconstitution store the antibody at -80°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001892
Locus ID:	1490
UniProt ID:	P29279 , Q5M8T4
Cytogenetics:	6q23.2
Synonyms:	CTGF; HCS24; IGFBP8; NOV2
Summary:	The protein encoded by this gene is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis. [provided by RefSeq, Nov 2009]
Protein Families:	Druggable Genome, Secreted Protein

Product images: