

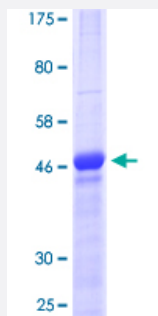
Full-Length

CTGF (Human) Recombinant Protein (P01)

Catalog # H00001490-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human CTGF full-length ORF (NP_001892.1, 31 a.a. - 251 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

GPCRCPDEPAPRCPAGVSLVLDGCGCCRVCAKQLGELCTERDPCDPHKGLFCDFGSPANRKI
GVCTAKDGAPCIFGGTVYRSGESFQSSCKYQCTCLDGAVGCMPLCSMDVRLPSPDCPFPRRVK
LPGKCCEEWVCDEPKDQTVVGPALAAAYRLEDTFGPDPTMIRANCLVQTTEWSACSKTCGMGIST
RVTNDNASCRLEKQSRLCMVRPCEADLEENIK

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

49.94

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CTGF

Entrez GeneID	1490
GeneBank Accession#	NM_001901
Protein Accession#	NP_001892.1
Gene Name	CTGF
Gene Alias	CCN2, HCS24, IGFBP8, MGC102839, NOV2
Gene Description	connective tissue growth factor
Omim ID	121009
Gene Ontology	Hyperlink
Other Designations	OTTHUMP00000017213 hypertrophic chondrocyte-specific protein 24 insulin-like growth factor-binding protein 8

Disease

- [Adenocarcinoma](#)
- [Aortic Valve Stenosis](#)
- [Biliary Atresia](#)
- [Calcinosis](#)
- [Death](#)
- [Diabetes Mellitus](#)

- [Diabetic Nephropathies](#)
- [Disease Susceptibility](#)
- [Esophageal Neoplasms](#)
- [Fibrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hypoglycemia](#)
- [Inflammation](#)
- [Liver Cirrhosis](#)
- [Lung Diseases](#)
- [Lung Neoplasms](#)
- [Ovarian Neoplasms](#)
- [Pulmonary Disease](#)
- [Schistosomiasis](#)
- [Scleroderma](#)