

Recombinant Mouse Connective tissue growth factor (Ctgf),partial

Catalog No: #AP70205

Package Size: #AP70205-1 20ug #AP70205-2 100ug #AP70205-3 1mg

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Description

Product Name	Recombinant Mouse Connective tissue growth factor (Ctgf),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:26-344aaSequence Info:Partial
Other Names	CCN family member 2 Hypertrophic chondrocyte-specific protein 24 Protein FISP-12
Accession No.	P29268
Calculated MW	53.5 kDa
Tag Info	N-terminal 10xHis-SUMO-tagged
Target Sequence	QDCSAQCQCAEEAAPHCPAGVSLVLDGCGCCRVCAKQLGELCTERDPCDPHKGLFCDFGSPANRKIGVCTA KDGAPCVFGGSVYRSGESFQSSCKYQCTCLDGAVGCVPLCSMDVRLPSPDCPFPRRVKLPKGCCEEWVCD EPKDRTAVGPALAAYRLEDTFGPDPTMMRANCLVQTTEWSACSKTCGMGISTRVTNDNTFCRLEKQSRLCM VRPCEADLEENIKGKKCIRTPKIAKPVKELSGCTSVKTYRAKFCGVCTDGRCTPHRTTTLPVEFKCPDGEI MKKNMMFIKTCACHYNCPGDNDIFESLYYRKMY
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Major connective tissue mitogen secreted by vascular endothelial cells. Promotes proliferation and differentiation of chondrocytes (By similarity). Mediates heparin- and divalent cation-dependent cell adhesion in many cell types including fibroblasts, myofibroblasts, endothelial and epithelial cells (By similarity). Enhances fibroblast growth factor-induced DNA synthesis (By similarity).

References

"Lineage-specific biology revealed by a finished genome assembly of the mouse."Church D.M., Goodstadt L., Hillier L.W., Zody M.C., Goldstein S., She X., Bult C.J., Agarwala R., Cherry J.L., DiCuccio M., Hlavina W., Kapustin Y., Meric P., Maglott D., Birtle Z., Marques A.C., Graves T., Zhou S. Ponting C.P.PLoS Biol. 7:E1000112-E1000112(2009)Research Topic:Cardiovascular

Note: This product is for in vitro research use only and is not intended for use in humans or animals.