

Product datasheet

Recombinant Mouse CTGF protein (Tagged) ab235674

1 Image

Description

Product name	Recombinant Mouse CTGF protein (Tagged)
Purity	> 90 % SDS-PAGE.
Expression system	Escherichia coli
Accession	<u>P29268</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Mouse
Sequence	QDCSAQCQCAEAAPHCPAGVSLVLDGCGCCRVCAKQ LGELCTERDPCDP HKGLFCDFGSPANRIGVCTAKDGAPCVFGGSVYRSGES FQSSCKYQCTC LDGAVGCVPLCSMDVRLPSPDCPFPRRVKLPKGCCEE WVCDEPKDRTAVG PALAAYRLEDTFGPDPTMMRANCLVQTTEWSACSKTCG MGISTRVTNDNT FCRLEKQSRLCMVRPCEADLEENIKKGKKCIRTPKIAKPV KFELSGCTSV KTYRAKFCGVCTDGRCTPHRTTTLPVEFKCPDGEIMKK NMMFIKTCACH YNCPGDNDIFESLYRKMY
Predicted molecular weight	62 kDa including tags
Amino acids	26 to 344
Tags	GST tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab235674** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications SDS-PAGE

Form Liquid

Preparation and Storage

Stability and Storage

Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.2

Constituents: Tris buffer, 50% Glycerol (glycerin, glycerine)

General Info

Function

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

Tissue specificity

Expressed in bone marrow and thymic cells. Also expressed one of two Wilms tumors tested.

Sequence similarities

Belongs to the CCN family.

Contains 1 CTCK (C-terminal cystine knot-like) domain.

Contains 1 IGFBP N-terminal domain.

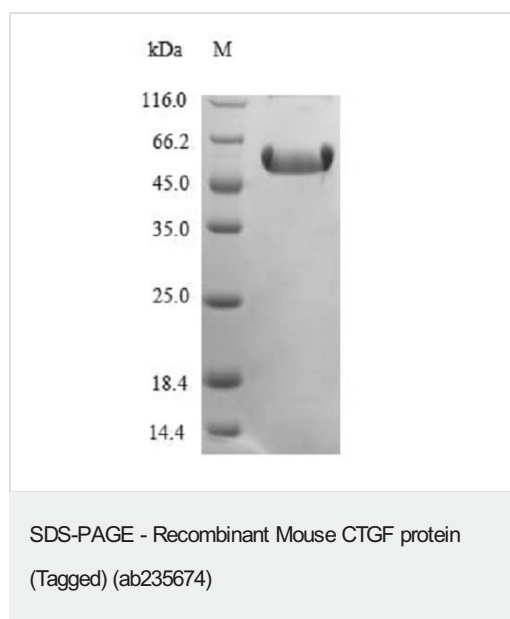
Contains 1 TSP type-1 domain.

Contains 1 VWFC domain.

Cellular localization

Secreted > extracellular space > extracellular matrix. Secreted.

Images



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel analysis of ab235674.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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