

NEUROMICS



Recombinant Human GFBP8/CTGF

Datasheet

Catalog Number: PR27156

Product Type: Recombinant Protein

Source: *E.Coli*

Amino Acid Sequence: MGKKCIRTPK ISKPIKFELS GCTSMKTYRA KFCGVCTDGR CCTPHRTTTL PVEFKCPDG VMKKNMMFIK TCACHYNCPG DNDIFESLYY RKMVGDMA.

Description/Molecular Mass: CTGF Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 98 amino acids and having a molecular mass of 11.2 kDa. The CTGF is purified by proprietary chromatographic techniques.

Purity: Greater than 95.0% as determined by SDS-PAGE.

Biological Activity: Determined by the dose-dependent stimulation of the proliferation of HUVEC cells. The expected ED₅₀ for this effect is 1.0-2.0 µg/ml

Format: CTGF was lyophilized from 1mg/ml solution containing 10mM NaAcetate buffer pH-6.

Reconstitution: Reconstitute at 0.1 mg/ml with 5mM Na Acetate, pH-6.

Storage: Store lyophilized protein at -20°C. Aliquot the product after reconstitution to avoid repeated freezing/thawing cycles. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after two weeks at 4°C. The lyophilized CTGF remains stable until the expiry date when stored at -20°C.

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