Recombinant Mouse CXCL3/CINC-2α/β Protein(Trx Tag)

Catalog Number: PDEM100170

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

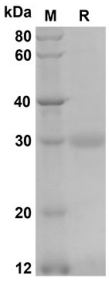
Description

Species	Mouse
Source	E.coli-derived Mouse CXCL3/CINC-2α/β protein Ser32-Ser100, with an N-terminal Trx
Calculated MW	27.5 kDa
Observed MW	30 kDa
Accession	Q6W5C0
Bio-activity	Not validated for activity

Properties

Purity	> 90% as determined by reducing SDS-PAGE.
Endotoxin	< 10 EU/mg of the protein as determined by the LAL method
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80 ℃. Reconstituted protein solution can be stored at 4-8℃ for 2-7 days. Aliquots of reconstituted samples are stable at < -20℃ for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 μm filtered solution in PBS with 5% Trehalose and 5% Mannitol.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.5 mg/mL. Concentration is measured by UV-Vis.

Data



SDS-PAGE analysis of Mouse CXCL3/CINC-2α/β proteins, 2 μg/lane of Recombinant Mouse CXCL3/CINC-2α/β proteins was resolved with SDS-PAGE under reducing conditions, showing bands at 30 KD

Background

CXCL3/CINC-2α/β is involved in migration, invasion, proliferation and tubule formation of trophoblasts and may play a key role in the pathogenesis of preeclampsia. CXCL3/CINC-2α/β autocrine/paracrine pathways are involved in the development of prostate cancer by regulating the expression of the target genes that are related to the progression of malignancies. CXCL3/CINC-2α/β is a novel adipokine that facilitates adipogenesis in an autocrine and/or a paracrine manner throμgh induction of c/ebpb and c/ebpd. CXCL3/CINC-2α/β and its receptor CXCR2 are overexpressed in prostate cancer cells, prostate epithelial cells and prostate cancer tissues, which may play multiple roles in prostate cancer progression and metastasis.