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

RPES8104

Product Information

Product SKU:	RPES8104	**Expression Host**:	E.coli	**Size**:	20µg
Tag:	N-Trx	**Reactivity**:	Human	**Accession**:	P19876

Additional Information

Calculated MW:	27.9 kDa	**Observed MW:**	30 kDa
Sequence:	Cys35-Phe107		

Protein Information

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.

Synonyms: GRO, CXCL, SCYB, C-X-C Motif Chemokine, CINC-2b, C-X-C Motif Chemokine 3, GRO-Gamma, GRO-Gamma (1-73), GRO-Gamma (5-73), Growth-Regulated Protein Gamma, Macrophage Inflammatory Protein 2-Beta, MIP2B, MIP-2b, MIP2-Beta, CXCL3, GRO3, GROG, SCYB3

Endotoxin: < 10 EU/mg of the protein as determined by the LAL method

Formulation: Lyophilized from a 0.2 µm filtered solution in PBS with 5% Trehalose and 5% Mannitol.

Purity: > 90% as determined by reducing SDS-PAGE.

Bio-Activity: Not validated for activity

Contact Details | Dublin, Ireland
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Storage: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

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