

RMCH055

Recombinant CXCL5 (C-X-C motif chemokine 5), Human , Ar



Order 021-34695924
orders@ab-mart.com

Support 400-6123-828
support1@ab-mart.com

Web www.ab-mart.com.cn

 5ug;20ug;100ug;500ug;**Synonym/Alternative name(s):**

Epithelial Neutrophil Activating Peptide-78, ENA-78

Activity:

Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2.

The ED50 for this effect is <10 ng/mL.

Protein Description:

The protein encoded by this gene, Chemokine (C-X-C motif) ligand 5 (CXCL5), is a small cytokine belonging to the CXC chemokine family that is also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). This chemokine is produced concomitantly with interleukin-8 (IL8) in response to stimulation with either interleukin-1 (IL1) or tumor necrosis factor-alpha (TNFA). It is observed that, CXCL5 also expresses in eosinophils, and can interact with the type II interferon IFN- γ , thereby cause an inhibition. This chemokine stimulates the chemotaxis of neutrophils possesses angiogenic properties, and elicits these effects by interacting with the cell surface chemokine receptor CXCR2.

Protein Accession : P42830**Gene ID :** 6374**Expression Sequence:**

RELRCVCLQTTQGVHPKMNISNLQVFAIGPQCSKVEVVASLKNKKEICLDPEAPFLKKVIQKILDGGNKEN with polyhistidine tag at the N-terminus.

Fusion tag : His-tag?at?the?N-terminus**Species :** Human**Reactivity :** Human**Expression Host :** Escherichia coli**Source :** E. coli**Purity/method:**

>98% as determined by SDS-PAGE. Ni-NTA chromatography

Endotoxin level:<0.1 EU per 1 μ g of the protein by the LAL method.**Calculated Molecular Weight :** 8.51 kDa**Formulation:**

The protein was lyophilized from a solution containing 1X PBS, pH 7.4.

Reconstitution:It is recommended to reconstitute the lyophilized protein in sterile H₂O to a concentration not less than 100 μ g/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.**Shipping :** Blue Ice**Stability and Storage:**

Lyophilized protein should be stored at -20°C for 1 year.

Upon reconstitution, store at 2°C to 8°C for up to 1 week. Further dilute in a buffer containing a carrier protein or stabilizer (e.g. 0.1%

BSA, 10%FBS, 5%HSA or 5% trehalose solution), protein aliquots should be stored at -20°C or -80°C for 3-6 months.

Category : Cytokines

Application : Cell culture, Elisa

Image:



SDS- PAGE analysis of recombinant human CXCL5