Elabscience®

Recombinant Swine CXCL10 protein(His Tag)

Catalog Number: PKSS000019

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

Species Porcine Source Ecoli-derived Porcine CXCL10 protein Pro 23-Ala 104, with an N-terminal His Calculated MW 10.1 kDa Observed MW 11-17 kDa Accession NP_00108691.1 Bio-activity Measure by its ability to chemoattract BaF3 cells transfected with human CXCR2. The ED ₅₀ for this effect is <4 ng/mL.	Description	
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> 98 % as determined by reducing SDS-PAGE.

Background

Human C-X-C Motif Chemokine Ligand 10 (CXCL10) is a non-ELR chemokine secreted by various cell types; such as monocytes; endothelial cells and fibroblasts; in response to IFN-γ. CXCL10 functions via chemokine receptor CXCR3. CXCL10 has been attributed to several roles; such as chemoattraction for activated T-lymphocytes; inhibition of angiogenesis; and antitumor activity.