

Recombinant Human CXCL16

Catalog No: #AP60292



Package Size: #AP60292-1 10ug #AP60292-2 100ug

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

Product Name	Recombinant Human CXCL16
Host Species	E. coli
Purification	> 97 % by SDS-PAGE analyses.
Calculated MW	Approximately 10 kDa, a single non-glycosylated polypeptide chain containing 89 amino acids.
Target Sequence	Asn49-Pro137; Accession # NP_071342
Formulation	Lyophilized from 0.2 µm filtered concentrated solution in PBS.
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. -□12 months from date of receipt, -20 to -70 °C as supplied. -□1 month, 2 to 8 °C under sterile conditions after reconstitution. -□3 months, -20 to -70 °C under sterile conditions after reconstitution.

Background

CXC chemokine ligand 16 (CXCL16) is a type I membrane protein containing a non-ELR motif-containing CXC chemokine domain in its extracellular region. Together with Fractalkine (CX3CL1), CXCL16 constitute the only two transmembrane chemokines within the superfamily. The gene for human CXCL16 predicts a 273 amino acid (aa) residue precursor protein with a putative signal peptide, a CXC chemokine domain, a mucin-like spacer region, a transmembrane domain and a cytoplasmic domain with a potential tyrosine phosphorylation and SH2 protein-binding site. Mouse and human CXCL16 share 70% aa sequence similarity within their chemokine domains and 49% overall aa sequence identity.

Note: This product is for in vitro research use only