Recombinant Human Epithelial Neutrophil Activating Peptide-78, 8-78 a.a./CXCL5

Catalog No: #AP60283

Package Size: #AP60283-1 5ug #AP60283-2 100ug #AP60283-3 500ug

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

Description

Product Name	Recombinant Human Epithelial Neutrophil Activating Peptide-78, 8-78 a.a./CXCL5
Host Species	Escherichia coli.
Purification	> 95 % by SDS-PAGE and HPLC analyses.
Other Names	CXCL5, Small-inducible cytokine B5
Uniprot	P42830
GeneID	6374
Calculated MW	Approximately 7.8 kDa, a single non-glycosylated polypeptide chain containing 71 amino acids.
Target Sequence	LRELRCVCLQ TTQGVHPKMI SNLQVFAIGP QCSKVEVVAS LKNGKEICLD PEAPFLKKVI QKILDGGNKE N
Formulation	Lyophilized from a 0.2 μm filtered concentrated solution in 2 x PBS, pH 7.4.
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

CXCL5 is a member of the CXC chemokine family and also known as epithelial-derived neutrophil-activating peptide 78 (ENA-78). It is produced following stimulation of cells with the inflammatory cytokines interleukin-1 or tumor necrosis factor-alpha. In vitro, ENA-78 (8-78) and ENA-78 (9-78) show a threefold higher chemotactic activity for neutrophil granulocytes. They are produced by proteolytic cleavage after secretion from peripheral blood monocytes. Recombinant human CXCL5 (8-78 a.a.) contains 71 amino acids which is a single non-glycosylated polypeptide chain. Human CXCL5 shares 57 % amino acid sequence identity with mouse and rat CXCL5.

Note: This product is for in vitro research use only