CXCL5/ENA-78, Human, Recombinant

Cat. No. : PCK127

General Information

Synonyms	C-X-C Motif Chemokine 5;ENA-78 (1-78);Epithelial-Derived Neutrophil-Activating Protein 78; Neutrophil-Activating Peptide ENA-78;Small-Inducible Cytokine B5;ENA-78 (8-78);ENA-78 (9-78);CXCL5;ENA78;SCYB5
Species	Human
Expression host	E.coli
Sequence	Leu44-Asn114
Accession	P42830
Mol mass	7.95 KDa
Expiration date	12 months

Product feature

Purity	> 95% as determined by reducing SDS-PAGE.
Endotoxin (EU/μg)	< 0.1
Storage	Lyophilized protein should be stored at -5~-20°C, stable for one year after receipt. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -5~-20°C for 3 months.
Shipping	Ice bag
Formulation	Lyophilized from a 0.2 μm filtered solution of 20 mM Citrate, 8% Trehalose, 4% Mannitol, 50 mM NaCl, 0.05% Tween 80, pH 5.0.
Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in sterile water. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Background

C-X-C Motif Chemokine 5 (CXCL5) is a member of the Intercrine Alpha (Chemokine CXC) family. CXCL5 can be cleaved into the following two chains, ENA-78 (8-78) and ENA-78 (9-78). In vitro, ENA-78(8-78) and ENA-78 (9-78) show a threefold higher chemotactic activity for neutrophil granulocytes. CXCL5 is a secreted protein and exercises the functions primarily through interactions with CXCR2. The upregulation of CXCL5 contributes to increased vascularization, tumor grown, and metastasis in many cancers.

SDS-PAGE

