

32-12039: Human ENA 78 (CXCL5)

Gene : CXCL5

Gene ID : 6374

Uniprot ID : P42830

Alternative Name : ENA-78(1-78), Epithelial-derived neutrophil-activating protein 78, Neutrophil-activating peptide ENA-78, Small-inducible cytokine B5, ENA78, SCYB5

Description

Source: Genetically modified E.coli.

Predicted MW: Monomer, 8.1 kDa (74 aa)

Epithelial-derived neutrophil-activating peptide 78 (ENA 78), also known as CXCL5, is a chemokine that recruits neutrophils, promotes angiogenesis, and stimulates connective tissue remodelling. ENA 78 production is stimulated by interleukin 1 (IL-1) or tumor necrosis factor alpha (TNFalpha), and signals through the chemokine receptor CXCR2. ENA 78, 5-78 aa is one of three naturally occurring ENA 78 variants in which the N-terminus has been truncated.

Product Info

Amount : 20 µg / 100 µg

Purification : Reducing and Non-Reducing SDS PAGE at $\geq 95\%$

Content : Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 0.1% Trifluoroacetic Acid (TFA)
Sterile water at 0.1 mg/mL

Storage condition : Store at -20°C

Amino Acid : AAVLRELRCV CLQTTQGVHP KMISNLQVFA IGPQCSKVEV VASLKNGKEI CLDPEAPFLK KVIQKILDGG NKEN

Application Note

Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Centrifuge vial before opening, Suspend the product by gently pipetting the above recommended solution down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution. For prolonged storage, dilute to working aliquots in a 0.1% BSA solution, store at -80°C and avoid repeat freeze thaws. Upon reconstitution, a small amount of visible precipitate can be expected. A 10% overfill has been added to the total material vial to compensate for this loss.

