

**Product:** Epithelial neutrophil-activating protein 78 (ENA-78)(CXCL5)  
**Catalog #:** 11-ENA78  
**Amount:** 5 µg

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**DESCRIPTION:** Recombinant Human ENA-78(rHuENA-78) produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 74 amino acids and having a molecular mass of 8020 Dalton  
The sequence of the first five N-terminal amino acids was determined and was found to be, Ala- Ala -Val-Leu-Arg

**SOURCE:** *E.Coli* Expression System

**PURITY:** Greater than 98.0% as determined by:  
(a) Analysis by RP-HPLC.  
(b) Anion-exchange FPLC.  
(c) Analysis by reducing and non-reducing SDS-PAGE Silver-Stained gel

**ENDOTOXIN:** Less than 0.1 ng/µg (IEU/µg) of rHuENA-78

**DIMERS & AGREGATES:** Less than 1% as determined by silver-stained SDS-PAGE gel analysis

**FORM:** Purified, in water, containing 0.01% BSA

**PROTEIN CONTENT:** Protein quantitation was carried out by two independent methods:  
-UV spectroscopy at 280 nm using the absorbency value  
- Analysis by RP-HPLC, using a standard solution of Artemin as a Reference Standard

**CONCENTRATION:** 0.1 mg/ml

**BIOLOGICAL ACTIVITY:** rHuENA-78 is fully biologically active when compared to standard.  
The Activity is calculated by the ability to chemoattract Human peripheral blood neutrophils using a concentration of 5-10 ng/ml

**STORAGE:** -20°C (aliquot), avoid repeated freeze and thaw cycles

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