

## Recombinant Human ENA-78

**CATALOG #:** 4025-20 20 µg  
4025-1000 1 mg

**LOT #:** \_\_\_\_\_

**SOURCE:** *E. coli*

**PURITY:** >98% by SDS-PAGE and HPLC analyses  
Endotoxin level is <0.1 ng per µg of ENA-78

**MOL. WEIGHT:** 8.0 kDa

### FORM:

Lyophilized with no additives. The protein may appear as a haze or film which is difficult to see at the bottom of the vial.

### RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 µg/µl. It is recommended that further dilutions be made into buffer containing carrier protein or medium containing serum.

### STORAGE CONDITIONS:

The lyophilized human ENA-78 is best-stored desiccated below 0°C. Reconstituted ENA-78 should be stored at 4°C or in working aliquots at -20°C.

### DESCRIPTION:

ENA-78 (Epithelial Neutrophil Activating Peptide-78) is a recently discovered chemoattractant and activator for neutrophils, belonging to the IL-8 subgroup of the C-X-C family of chemokines. The human ENA-78 is an 8.0 kDa protein containing 74 amino acid residues.

### BIOLOGICAL ACTIVITY:

The human ENA-78 produces chemotaxis over a wide concentration range in an assay using human peripheral blood neutrophils. Significant chemotaxis was achieved using a concentration of 50 ng/ml.

**FOR RESEARCH USE ONLY! Not to be used in humans.**

### RELATED PRODUCTS:

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- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

#### Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

#### Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

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- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

#### Signal Transduction

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- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

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- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
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- Cloning Insert Quick Screening Kit
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- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β-Galactosidase Staining Kit & Luciferase Reporter Assay Kit

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