



RECOMBINANT HUMAN INTERLEUKIN-8 (72 AMINO ACID FORM)

CATALOG NUMBER: IL008

LOT NUMBER:

QUANTITY: 25 µg

DESCRIPTION: Human interleukin-8 (IL-8) is an 8.4 kDa protein containing 72 amino acid residues. It promotes neutrophil chemotaxis and degranulation. The 72 amino acid IL-8 is the predominant form secreted by monocytes and lymphocytes.

SOURCE: *E. coli*

PURITY: Greater than 98% by SDS-PAGE and HPLC analysis. Endotoxin level is less than 0.1 ng per µg (1 EU/µg) of IL-8.

ACTIVITY: Human IL-8 produces chemotaxis over a wide concentration range in an assay using human peripheral blood neutrophils. Significant chemotaxis was achieved using a concentration of 10-100 ng/mL.

PRESENTATION: Lyophilized powder with no additives.

STORAGE/HANDLING: The lyophilized powder, though stable at room temperature, is best stored desiccated below 0°C. Reconstitute in water to a concentration of 0.1-1.0 mg/mL. This solution can be diluted into other buffered solutions. Reconstituted IL-8 should be stored in undiluted aliquots at -20°C for up to six months.

Important Note: During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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