

Product datasheet

Recombinant Human IL8 protein ab53373

1 Image

Overview

Product name	Recombinant Human IL8 protein
Protein length	Protein fragment

Description

Nature	Recombinant
Source	Escherichia coli
Amino Acid Sequence	
Species	Human
Sequence	ADEDYSPCMLETETLNKYVVIAYALVFLLSLLGNSLVMLVILYSRVGRS VTDVYLLNLALADLLFALTLPIWAASK
Amino acids	23 to 99

Specifications

Our [Abpromise guarantee](#) covers the use of **ab53373** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE
Purity	> 95 % SDS-PAGE.
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: 50% Glycerol, 20mM Tris, pH 8
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General Info

Function	IL-8 is a chemotactic factor that attracts neutrophils, basophils, and T-cells, but not monocytes. It is also involved in neutrophil activation. It is released from several cell types in response to an inflammatory stimulus. IL-8(6-77) has a 5-10-fold higher activity on neutrophil activation, IL-8(5-77) has increased activity on neutrophil activation and IL-8(7-77) has a higher affinity to receptors CXCR1 and CXCR2 as compared to IL-8(1-77), respectively.
Sequence similarities	Belongs to the intercrine alpha (chemokine CxC) family.
Post-translational modifications	Several N-terminal processed forms are produced by proteolytic cleavage after secretion from at least peripheral blood monocytes, leukocytes and endothelial cells. In general, IL-8(1-77) is referred to as interleukin-8. IL-8(6-77) is the most prominent form.
Cellular localization	Secreted.

Images



SDS-PAGE analysis of ab53373

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