

Product datasheet

Recombinant Chicken IL-8 protein ab222163

Description

Product name	Recombinant Chicken IL-8 protein	
Purity	> 95 % Ion Exchange Chromatography.	
Expression system	Yeast	
Accession	P08317	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Chicken	
Sequence	ALSQGRTLVKMGNELRCQCISTHSKFIHPKSIQDVKLTPSG PHCKNVEII ATLKDGREVCLDPTAPWVQLVKALMAKAQLNSDAPL	
Predicted molecular weight	10 kDa	
Amino acids	17 to 103	
Additional sequence information	This product is the mature full length protein from aa 17 to 103. The signal peptide is not included.	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab222163** 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
Form	Lyophilized

Preparation and Storage

Stability and Storage Shipped at 4°C. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C long term. Avoid freeze / thaw cycle. Stable for 12 months at -20°C. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C..

Constituents: PBS, 10% Trehalose

Reconstitution Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours

- We provide support in Chinese, English, French, German, Japanese and Spanish
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- We investigate all quality concerns to ensure our products perform to the highest standards

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