

Recombinant dog IL-8 protein ab200269

描述	
产品名称	重组狗IL-8蛋白
生物活性	The biological activity was determined by a chemotaxis bioassay using Human CXCR2 transfected murine BaF3 cells is in a concentration range of 0.15-0.75 ng/ml.
纯度	> 95 % SDS-PAGE. ab200269 is > 95 % pure as assessed by SDS-PAGE and HPLC analyses.
表达系统	Escherichia coli
Accession	<u>P41324</u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Dog
序列	AVLSRVSSELRCQCIKTHSTPFHPKYIKELRVIDSGPHCENS EIIIVKLFN GNEVCLDPKEKWVQKVVQIFLKKAQKQDP
预测分子量	9 kDa
氨基酸	23 to 101
额外的序列信息	This product is for the mature full length protein from aa 23 to 101. The signal peptide is not included.

技术指标	
Our <u>Abpromise guarantee</u> covers the use of ab200269 in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	HPLC SDS-PAGE Functional Studies
形式	Lyophilized

制备和贮存	
稳定性和存储	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Store at -20°C long term. Avoid freeze / thaw cycle.

pH: 7.40

Lyophilized from a 0.2 um filtered concentrated solution in 2 × PBS.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

复溶

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL.

常规信息

功能

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.

序列相似性

Belongs to the intercrine alpha (chemokine CxC) family.

翻译后修饰

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.

细胞定位

Secreted.

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

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