

Product datasheet

Recombinant Bottlenose dolphin IL-8 protein ab209189

Description

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| Product name | Recombinant Bottlenose dolphin IL-8 protein | |
| Purity | > 95 % SDS-PAGE. Purified by Ion-exchange chromatography. | |
| Expression system | Yeast | |
| Accession | Q7YRB5 | |
| Protein length | Full length protein | |
| Animal free | No | |
| Nature | Recombinant | |
| Species | Bottlenose dolphin | |
| Sequence | AVLSRMTSELRCQCINIHSTPFHPKFIRELRVIESGPHCENS EIVKLVN GKEVCLNPKEKWVQKVVQIFLKRAEKKDP | |
| Predicted molecular weight | 9 kDa | |
| Amino acids | 23 to 101 | |
| Additional sequence information | This product is for the mature full length protein. The signal peptide is not included. | |

Specifications

Our [Abpromise guarantee](#) covers the use of **ab209189** in the following tested applications.

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

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| Applications | SDS-PAGE |
| Form | Lyophilized |

Preparation and Storage

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| Stability and Storage | Shipped at 4°C. Store at -20°C long term. Avoid freeze / thaw cycle. Constituents: 90% PBS, 10% Trehalose |
| Reconstitution | Reconstitute with sterile PBS containing at least 0.1% carrier protein. |

General Info

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| 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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