

## Product datasheet

# Recombinant human Chemerin protein ab124314

### 1 References

#### Overview

<b>Product name</b>	Recombinant human Chemerin protein
<b>Protein length</b>	Protein fragment

#### Description

<b>Nature</b>	Recombinant
<b>Source</b>	Escherichia coli
<b>Amino Acid Sequence</b>	
<b>Accession</b>	<a href="#">Q99969</a>
<b>Species</b>	Human
<b>Sequence</b>	MELTEAQRRG LQVALEEFHK HPPVQWAFQE TSVESAAVDTP FPAGIFVRL FKLQQTSRK RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAE HQETQCLR VQ RAGEDPHSFY FPGQFAFS
<b>Molecular weight</b>	16 kDa
<b>Amino acids</b>	21 to 157

#### Specifications

Our [Abpromise guarantee](#) covers the use of **ab124314** in the following tested applications.

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

<b>Biological activity</b>	ab124314 has full biological activity when compared to standards. The ED <sub>50</sub> , as determined by its ability to chemoattract Human Chem23R transfected BaF3 mouse pro-B cells, is typically 4-20 ng/mL.
<b>Applications</b>	SDS-PAGE HPLC Functional Studies
<b>Purity</b>	>= 98 % SDS-PAGE. Purity by SDS-PAGE: =98% Purity by HPLC: =98%

<b>Form</b>	Lyophilised
<b>Additional notes</b>	Endotoxin level: <0.01 ng/µg

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## Preparation and Storage

<b>Stability and Storage</b>	Shipped at 4°C. Store at -80°C. Avoid freeze / thaw cycle. For long term storage it is recommended to add a carrier protein on reconstitution (0.1% HSA or BSA).  Constituent: 0.2% Trifluoroacetic acid  This product is an active protein and may elicit a biological response in vivo, handle with caution.
<b>Reconstitution</b>	Centrifuge vial before opening. When reconstituting the product, gently pipette and wash down the sides of the vial to ensure full recovery of the protein into solution. It is recommended to reconstitute the lyophilized product with sterile water to a concentration of 0.1mg/ml, which can be further diluted into other aqueous solutions.

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## General Info

<b>Tissue specificity</b>	Highly expressed in skin (basal and suprabasal layers of the epidermis, hair follicles and endothelial cells). Also found in pancreas, liver, spleen, prostate, ovary, small intestine and colon.
<b>Cellular localization</b>	Secreted.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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