

Product datasheet

Recombinant human Chemerin protein ab124314

1 References

Description

Product name	Recombinant human Chemerin protein
Biological activity	ab124314 has full biological activity when compared to standards. The ED ₅₀ , as determined by its ability to chemoattract Human Chem23R transfected BaF3 mouse pro-B cells, is typically 4-20 ng/mL.
Purity	>= 98 % SDS-PAGE. Purity by SDS-PAGE: =98% Purity by HPLC: =98%
Expression system	Escherichia coli
Accession	Q99969
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MELTEAQRRG LQVALEEFHK HPPVQWAFQE TSVESAAVDTP FPAGIFVRLE FKLQQTSRK RDWKKPECKV RPNGRKRKCL ACIKLGSEDK VLGRLVHCPI ETQVLREAE E HQETQCLRVQ RAGEDPHSFY FPGQFAFS
Predicted molecular weight	16 kDa
Amino acids	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.

Applications	SDS-PAGE HPLC Functional Studies
Form	Lyophilized
Additional notes	Endotoxin level: <0.01 ng/μg

Preparation and Storage

Stability and Storage

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.

Reconstitution

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.

General Info

Tissue specificity

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.

Cellular localization

Secreted.

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

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