

Product datasheet

Recombinant Human IL-18 protein ab188059

Description

Product name	Recombinant Human IL-18 protein
Purity	> 95 % SDS-PAGE. Purity is determined by SEC-HPLC and reducing SDS-PAGE.
Endotoxin level	< 1.000 Eu/μg
Expression system	Mammalian
Accession	<u>Q14116</u>
Protein length	Full length protein
Animal free	No
Carrier free	Yes
Nature	Recombinant
Species	Human
Sequence	YFGKLESKLSVIRNLNDQVLFIDQGNRPLFEDMTDSDCRD NAPRTIFIIS MYKDSQPRGMAVTISVKCEKISTLSCENKIISFKEMNPPDNI KDTKSDII FFQRSVPGHDKMKQFESSYEGYFLACEKERDLFKLILKK EDELGDRSIM FTVQNEDVDHHHHHH
Predicted molecular weight	19 kDa including tags
Amino acids	37 to 193
Tags	His tag C-Terminus
Additional sequence information	Mature protein.

Specifications

Our **Abpromise guarantee** covers the use of **ab188059** 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
Form	Lyophilized

Preparation and Storage

Stability and Storage	Shipped at 4°C. The lyophilized protein is stable for a few weeks at room temperature. Store at -20°C long term. Avoid freeze / thaw cycle. Reconstitute for long term storage. pH: 7.40 Constituent: 100% PBS
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Reconstitution	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 ug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. Aliquots of reconstituted samples are stable at < -20°C
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General Info

Function	Augments natural killer cell activity in spleen cells and stimulates interferon gamma production in T-helper type I cells.
Sequence similarities	Belongs to the IL-1 family.
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
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- 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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