

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	Q14116	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Human	
Sequence	YFGKLESKLSVIRNLNDQVLFIDQGNRPLFEDMTDSDCRD NAPRTIFIIS MYKDSQPRGMAVTISVKCEKISTLSCENKIISFKEMNPPDNI KDTKSDII FFQRSVPGHDNKMQFESSSYEGYFLACEKERDLFKLILKK EDELGDRSIM FTVQNEVDHHHHHH	
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

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

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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