

## Product datasheet

# Recombinant human IL36 beta/IL-1F8 protein ab138901

### Overview

<b>Product name</b>	Recombinant human IL36 beta/IL-1F8 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="#">Q9NZH7-2</a>
<b>Species</b>	Human
<b>Sequence</b>	MREAAPKSYA IRDSRQMVWV LSGNSLIAAP LSRSIKPVTI HLIACRDTEF SDKEKGNMVY LGIKGDLCI FCAEIQKPT LQLKEKNIMD LYVEKKAQKP FLFFHNKEGS TSVFQSVSYP GWFIASTTTS GQPIFLTKER GITNNTNFYL DSVE
<b>Molecular weight</b>	17 kDa
<b>Amino acids</b>	5 to 157

### Specifications

Our [Abpromise guarantee](#) covers the use of **ab138901** 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>	Measured by its ability to induce IL8 production by Human PBMCs.
<b>Applications</b>	Functional Studies HPLC SDS-PAGE
<b>Endotoxin level</b>	< 0.100 Eu/μg
<b>Purity</b>	> 98 % SDS-PAGE. Purity: > 98% by SDS-PAGE gel and HPLC analyses.
<b>Form</b>	Lyophilised

**Additional notes** Measured by its ability to induce IL8 production by Human PBMCs.  
Previously labelled as IL36 beta.

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.  
pH: 7.00  
Constituent: 0.14% Sodium phosphate  
This product is an active protein and may elicit a biological response in vivo, handle with caution.

**Reconstitution** Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. Do not vortex. For extended storage, it is recommended to further dilute in a buffer containing a carrier protein (example 0.1% BSA).

## General Info

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**Tissue specificity** Expression at low levels in tonsil, bone marrow, heart, placenta, lung, testis and colon but not in other tissues or in any hematopoietic cell lines.

**Sequence similarities** Belongs to the IL-1 family.

**Cellular localization** Secreted.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
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