

## Product datasheet

# Recombinant mouse IL12 protein ab50153

### 製品の概要

製品名	Recombinant mouse IL12 protein
タンパク質長	Protein fragment

### 製品の詳細

由来	Recombinant
由来	CHO cells

### アミノ酸配列

生物種	Mouse
配列	<p>-p35 subunit --RVIPVSGP ARCLSQSRNL            LKTTDDMVKT ARECLKHYSC TAEDIDHEDI            TRDQTSTLKT CLPLELHKNE SCLATRETSS            TTRGSCLEPPQ KTSMMTLCL GSIYEDLKMY            QTEFQAINAA LQNHNHQQII LDKGMLVAID            ELMQSLNHNG ETLRQKPPVG EADPYRVKMK            LCILLHAFST RVVTINRVMG YLSSA -p40 subunit            --MWELEKDV YVVEVDWTPD APGETVNLTC            DTPEEDDITW TSDQRHGVIG SGKTLTITVK            EFLDAGQYTC HKGGETLSHS HLLLHKKENG            IWSTEILKNF KNKTFKCEA PNYSGRFTCS            WLVQRNMDLK FNIKSSSSSP DSRVTCGMA            SLSAEKVTLQ QRDYKYSVS CQEDVTCPTA            EETLPIELAL EARQQNKYEN YSTSFIRDI            IKPDPPKNLQ MKPLKNSQVE VSWEYPDSWS            TPHSYFSLKF FVRIQRKKEK MKETEEGCNQ            KGAFLEKTS TEVQCKGGNV CVQAQDRYYN            SSCSKWACVP CRVRS</p>

### 特性

Our [Abpromise guarantee](#) covers the use of **ab50153** in the following tested applications.

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

生理活性	Assay 1: Determined by its ability to induce cell proliferation in T-cell enriched PBMCs. The expected ED50 is $\leq 0.1$ ng/mL, corresponding to a specific activity of $\geq 1 \times 10^7$ units/mg.
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Assay 2: Determined by its ability to stimulate the proliferation of 2D6 cells. The expected ED50 is  $\leq 0.1\text{ng/mL}$ , corresponding to a specific activity of  $\geq 1 \times 10^7$  units/mg.

#### アプリケーション

SDS-PAGE

Functional Studies

#### エンドトキシン・レベル

$< 1.000 \text{ Eu}/\mu\text{g}$

#### 精製度

$> 98 \%$  SDS-PAGE.

Endotoxin level is  $< 0.1 \text{ ng}/\mu\text{g}$  of protein ( $< 1 \text{ EU}/\mu\text{g}$ ).

#### 製品の状態

Lyophilised

#### 前処理および保存

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##### 保存方法および安定性

Shipped at  $4^\circ\text{C}$ . Upon delivery aliquot and store at  $-20^\circ\text{C}$ . Avoid freeze / thaw cycles.

pH: 7.2

Lyophilized from 1x PBS.

This product is an active protein and may elicit a biological response in vivo, handle with caution.

##### 再構成

Centrifuge vial prior to opening. Reconstitute in 1x PBS, pH 7.2-7.4 to 0.1-1.0 mg/mL. Do not vortex. Store at  $2^\circ\text{C}$  to  $8^\circ\text{C}$  for 1 week, or further dilute in a buffer containing a carrier protein (example 0.1% BSA) for extended storage.

#### 関連情報

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##### 機能

Cytokine that can act as a growth factor for activated T and NK cells, enhance the lytic activity of NK/lymphokine-activated Killer cells, and stimulate the production of IFN-gamma by resting PBMC.

##### 配列類似性

Belongs to the IL-6 superfamily.

##### 細胞内局在

Secreted.

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

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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
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <http://www.abcam.co.jp/abpromise> or contact our technical team.

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