

## IL-23 alpha & IL-12 beta Heterodimer Protein, Marmoset (HEK293, His)

<b>Cat. No.:</b>	HY-P73194
<b>Synonyms:</b>	IL-23 p19/IL-12 p40; IL23; IL-23A; Interleukin 23; SGRF
<b>Species:</b>	Marmoset
<b>Source:</b>	HEK293
<b>Accession:</b>	A0A2R8N533 (R20-P189)&XP_035133514.2 (I23-N328)
<b>Gene ID:</b>	100414179
<b>Molecular Weight:</b>	Approximately 22&45 kDa

### PROPERTIES

#### AA Sequence

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I L 2 3 A :
R A V P G G S S P A   W T Q C Q Q L S Q K   L C M L A W S A H P   L V G H M H L R E E
G D E E T T N D V P   H I Q C G D G C D P   Q G L R D N S Q F C   L Q R I H Q G L I F
Y E K L L G S D I F   T G E P S L L P D S   P V G Q L H A S L L   G L S Q L L Q P E G
H H W E T Q Q I P S   P G P S Q P W Q R L   L L R F K I L R S L   Q A F V A V A A R V
F A H G A A T L S P

I L 1 2 B :
I W E L K K D V Y V   I E L D W Y L D A P   G E M V V I T C D T   P E E D G I T W T L
E E S S E V L G S G   K N L T I Q V K E F   G D A G Q Y T C H K   G G E A L S H L L L
L L H K K E D G V W   S T D I L K D Q K E   P K N K T F L R C E   A K N Y S G R F T C
W W L T T I S T D L   T F S V K S S R G S   S D P R G V M C G A   P V L S A E R V R A
D G K E Y E Y S V E   C Q E D S A C P A A   E E R L P I E V V V   D A V H K L K Y E N
Y T S S F F I R D I   I K P D P P K N L Q   L K P L K N S R Q V   E V S W E Y P D T W
S T P H S Y F S L T   F C I Q V Q G K S K   R E K K D R V F M D   K T S A T V I C R K
N A S V S V Q A Q D   R Y Y S S S W S E W   A S V P C N
  
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#### Appearance

Lyophilized powder.

#### Formulation

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.

#### Endotoxin Level

<1 EU/µg, determined by LAL method.

#### Reconstitution

It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH<sub>2</sub>O.

#### Storage & Stability

Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.

#### Shipping

Room temperature in continental US; may vary elsewhere.

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## DESCRIPTION

### Background

IL-23 alpha Protein belongs to the IL-6 superfamily.

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**Caution: Product has not been fully validated for medical applications. For research use only.**

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