

## GMP IL-18 Protein, Human (HEK293, His)

<b>Cat. No.:</b>	HY-P70760G
<b>Synonyms:</b>	Interleukin-18; Iboctadekin; Interferon gamma-inducing factor; IFN-gamma-inducing factor; Interleukin-1 gamma; IL-1 gamma; GIF; IL-18; IL-1g; IL1F4; MGC12320; IL18
<b>Species:</b>	Human
<b>Source:</b>	HEK293
<b>Accession:</b>	Q14116 (Y37-D193)
<b>Gene ID:</b>	3606
<b>Molecular Weight:</b>	Approximately 17 kDa

### PROPERTIES

<b>AA Sequence</b>	<p>Y F G K L E S K L S    V I R N L N D Q V L    F I D Q G N R P L F    E D M T D S D C R D</p> <p>N A P R T I F I I S    M Y K D S Q P R G M    A V T I S V K C E K    I S T L S C E N K I</p> <p>I S F K E M N P P D    N I K D T K S D I I    F F Q R S V P G H D    N K M Q F E S S S Y</p> <p>E G Y F L A C E K E    R D L F K L I L K K    E D E L G D R S I M    F T V Q N E D</p>
<b>Biological Activity</b>	The specific activity is > 1×10 <sup>5</sup> U/mg by ELISA.
<b>Appearance</b>	Lyophilized powder.
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
<b>Endotoxin Level</b>	<0.1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	It is not recommended to reconstitute to a concentration less than 100 µg/mL in injection water.
<b>Storage &amp; Stability</b>	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
<b>Shipping</b>	Room temperature in continental US; may vary elsewhere.

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

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