

## IL-13 Protein, Human

Cat. No.:	HY-P72795
Synonyms:	Interleukin-13; IL-13
Species:	Human
Source:	E. coli
Accession:	P35225 (G35-N146)
Gene ID:	3596
Molecular Weight:	Approximately 12.3 kDa

### PROPERTIES

AA Sequence	<p>           G P V P P S T A L R    E L I E E L V N I T    Q N Q K A P L C N G    S M V W S I N L T A            G M Y C A A L E S L    I N V S G C S A I E    K T Q R M L S G F C    P H K V S A G Q F S            S L H V R D T K I E    V A Q F V K D L L L    H L K K L F R E G R    F N         </p>
Biological Activity	The cell proliferation assay using human TF-1 cells has an ED50 value of less than 0.5 ng/ml, corresponding to a specific activity of $> 2.0 \times 10^6$ IU/mg.
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 $\mu$ m filtered solution of PBS, pH 7.2, with 5% trehalose.
Endotoxin Level	<1 EU/ $\mu$ g; determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu$ g/mL in ddH <sub>2</sub> O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
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. It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	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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