

Product datasheet

Recombinant human IL-12 protein **ab52086**

Overview

Product name	Recombinant human IL-12 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	CHO cells
Amino Acid Sequence	
Species	Human

Specifications

Our [Abpromise guarantee](#) covers the use of **ab52086** in the following tested applications.

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

Biological activity	The ED ₅₀ as determined by the induction of IFN- γ production from murine splenocytes co-stimulated with IL-12 is <0.1 ng/ml, corresponding to a specific activity of > 1 x 10 ⁷ units/mg.
Applications	SDS-PAGE Functional Studies
Form	Lyophilised
Additional notes	The lyophilized human IL-12 is best-stored desiccated below 0°C. Reconstituted IL-12 should be stored at working aliquots at -20°C. This solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Constituent: PBS 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 1X PBS (pH 7.2-7.4) to a concentration of 0.2 mg/ml.

General Info

General info

Function	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.
Sequence similarities	Belongs to the IL-6 superfamily.
Cellular localization	Secreted.

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

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