

Product datasheet

Recombinant human IL12 protein ab52086

Overview

Product name	Recombinant human IL12 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.
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Applications	SDS-PAGE Functional Studies
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Form	Lyophilised
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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.
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Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles. Preservative: None Constituents: PBS, pH 7.2-7.4 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

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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