

Product datasheet

Recombinant human IL10 protein ab73609

Overview

Product name	Recombinant human IL10 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Human
Sequence	MSPGQGTQSE NSCTHFPGNL PNMLRDLRDA FSRVKTFFQM KDQLDNLLK ESLLDFKGY LGCQALSEMI QFYLEEVMQ AENQDPDIKA HVNSLGENLK TRLRLRRCH RFLPCENKSK AVEQVKNAFN KLQEKGIYKA MSEFDIFINY IEAYMTMKIR N

Molecular weight	19 kDa
Additional sequence information	Interleukin-10 Human Recombinant produced in E.coli is a single non-glycosylated polypeptide chains containing 161 amino acids each and having a molecular mass of 18.6kDa.

Specifications

Our [Abpromise guarantee](#) covers the use of **ab73609** in the following tested applications.

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

Applications	SDS-PAGE Functional Studies
Purity	> 95 % SDS-PAGE. ab73609 purified by proprietary chromatographic techniques. Purity is greater than 95% as determined by RP-HPLC and SDS-PAGE.
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. Preservative: None This product is an active protein and may elicit a biological response in vivo, handle with caution.
Reconstitution	Reconstitute in sterile 18MO-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

General Info

Function	Inhibits the synthesis of a number of cytokines, including IFN-gamma, IL-2, IL-3, TNF and GM-CSF produced by activated macrophages and by helper T-cells.
Tissue specificity	Produced by a variety of cell lines, including T-cells, macrophages, mast cells and other cell types.
Sequence similarities	Belongs to the IL-10 family.
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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