

Product datasheet

Recombinant Human IL15 protein ab73499

Overview

Product name	Recombinant Human IL15 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Escherichia coli

Amino Acid Sequence

Species	Human
Molecular weight	14 kDa
Amino acids	49 to 162
Tags	His tag C-Terminus
Additional sequence information	Interleukin-15 His Human Recombinant ?produced in E.Coli is single, a non-glycosylated, Polypeptide chain containing 123 amino acids fragment (49-162) .

Specifications

Our [Abpromise guarantee](#) covers the use of **ab73499** 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
Purity	> 95 % SDS-PAGE. ab73499 is purified by proprietary chromatographic techniques. Purity is greater than 95.0% as determined by RP-HPLC and SDS-PAGE.
Form	Liquid

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: 50% Glycerol, 20mM Tris HCl, pH 8
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General Info

Function	Cytokine that stimulates the proliferation of T-lymphocytes. Stimulation by IL-15 requires interaction of IL-15 with components of IL-2R, including IL-2R beta and probably IL-2R gamma but not IL-2R alpha.
Tissue specificity	Most abundant in placenta and skeletal muscle. It is also detected in the heart, lung, liver and kidney. IL15-S21AA is preferentially expressed in tissues such as testis and thymus.
Sequence similarities	Belongs to the IL-15/IL-21 family.
Cellular localization	Secreted and Cytoplasm. Nucleus. IL15-S21AA is not secreted, but rather is stored intracellularly, appearing in the nucleus and cytoplasmic components.

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