

Product datasheet

Recombinant Guinea pig IL-15 protein ab184600

Description

Product name	Recombinant Guinea pig IL-15 protein	
Expression system	Yeast	
Accession	Q75SZ9	
Protein length	Full length protein	
Animal free	No	
Nature	Recombinant	
Species	Guinea pig	
Sequence	SWHDVIYDLK RIENLIQSIH IDATLYTESD VHPNCKITAM KCFLLELRVI LHESRNEDIH ETITNLILA NSSLNSNGNV TESGCKECEE LEEKSIAEFL QSFVHIVQMF INTS	
Predicted molecular weight	13 kDa	
Amino acids	49 to 162	

Specifications

Our [Abpromise guarantee](#) covers the use of **ab184600** 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 ELISA Western blot
Form	Lyophilized
Additional notes	Guinea pig IL-15 was produced in yeast and therefore does not have endotoxin, is naturally folded, and post-translationally modified.

Preparation and Storage

Stability and Storage	Shipped at 4°C. Upon reconstitution add a carrier protein (0.1% BSA). Store at -20°C long term. Avoid freeze / thaw cycle.
Reconstitution	Reconstitute with sterile phosphate-buffered saline containing at least 0.1% carrier protein.

General Info

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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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Replacement or refund for products not performing as stated on the datasheet
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- Response to your inquiry within 24 hours

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