

## Product datasheet

# Recombinant Human Islet 1 protein ab134882

### Description

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<b>Product name</b>	Recombinant Human Islet 1 protein
<b>Purity</b>	> 90 % SDS-PAGE. ab134882 was refolded using “temperature shift inclusion body refolding” technology, chromatographically purified and sterile-filtered.
<b>Expression system</b>	Escherichia coli
<b>Accession</b>	<b><u>P61371</u></b>
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	MASMTGGQQMGRGHHHHHHENLYFQGGEFGDMGDPPK KKRLISLCVGCN QIHDQYLRVSPDLEWHAACLKCAECNQYLDESCTCFVRD GKTYCKRDYI RLYGIKCAKCSIGFSKNDFVMRARSKVYHIECFRCVACSR QLIPGDEFAL REDGLFCRADHDVVERASLGAGDPLSPLHPARPLQMAA EPISARQPALRP HVHKQPEKTTRVRTVLNEKQLHLRRCYAANPRPDALMK EQLVEMTGLSP RVIRVWFQNKRCCKDKKRSIMMKQLQQQPNDKTNIQGMT GTPMVAASPER HDGGLQANPVEVQSYQPPWKVLSDFALQSDIDQPAFQQ LVNFSEGGPGSN STGSEVASMSSQLPDTPNMVASPIEAESGGGGSPGRR RRRRRRRRR
<b>Predicted molecular weight</b>	39 kDa
<b>Amino acids</b>	2 to 349

### Specifications

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Our **Abpromise guarantee** covers the use of **ab134882** in the following tested applications.

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

**Applications** Functional Studies

SDS-PAGE

**Form** Liquid

## Preparation and Storage

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**Stability and Storage** Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.  
pH: 8.00  
Constituent: 0.32% Tris HCl  
  
Contains NaCl,EDTA,KCl,arginine,DTT and Glycerol

## General Info

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**Function** Binds to one of the cis-acting domain of the insulin gene enhancer.  
**Tissue specificity** Expressed in subsets of neurons of the adrenal medulla and dorsal root ganglion, inner nuclear and ganglion cell layers in the retina, the pineal and some regions of the brain.  
**Sequence similarities** Contains 1 homeobox DNA-binding domain.  
Contains 2 LIM zinc-binding domains.  
**Cellular localization** Nucleus.

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

## Our Abpromise to you: Quality guaranteed and expert technical support

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- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

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