

## Product datasheet

# Recombinant Human ITLN1 protein ab269213

1 Image

### Description

<b>Product name</b>	Recombinant Human ITLN1 protein	
<b>Purity</b>	> 95 % SDS-PAGE. NULL	
<b>Endotoxin level</b>	< 1.000 Eu/μg	
<b>Expression system</b>	Escherichia coli	
<b>Accession</b>	<b><u>Q8WWA0</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>	MNQLSFLLFL IATTRGWSTD EANTYFKEWT CSSSPSLPRS CKEIKDECPS AFDGLYFLRT ENGVYQTFC DMTSGGGGWT LVASVHENDM RGKCTVGDRW SSQQGSKADY PEGDGNWANY NTFGSAEAAT SDDYKNPGYYDIQAKDLGIW HVPNKSPMQH WRNSSLLRYR TDTGFLQTLG HNLFGIYQKY PVKYGEGKCW TDNGPVIPVV YDFGDAQKTA SYSPYQGRE FTAGFVQFRV FNNERAANAL CAGMRVTGCN TEHHCIGGGG YFPEASPQQC GDFSGFDWSG YGTHVGYSSS REITEAAVLL FYR	
<b>Predicted molecular weight</b>	35 kDa	
<b>Amino acids</b>	1 to 313	

### Specifications

Our **Abpromise guarantee** covers the use of **ab269213** in the following tested applications.

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

<b>Applications</b>	SDS-PAGE
<b>Form</b>	Lyophilized

### Preparation and Storage

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### Stability and Storage

Shipped at Room Temperature. Upon delivery aliquot. Store at -20°C or -80°C. Working aliquots stored with a carrier protein are stable for at least 3 months at -20°C to -80°C..

Constituents: 0.16% Sodium phosphate, 0.5% Mannitol

Lyophilized from

### Reconstitution

Sterile water at 0.1 mg/mL

## General Info

### Function

Has no effect on basal glucose uptake but enhances insulin-stimulated glucose uptake in adipocytes. Increases AKT phosphorylation in the absence and presence of insulin. May play a role in the defense system against microorganisms. May specifically recognize carbohydrate chains of pathogens and bacterial components containing galactofuranosyl residues, in a calcium-dependent manner. May be involved in iron metabolism.

### Tissue specificity

Highly expressed in omental adipose tissue where it is found in stromal vascular cells but not in fat cells but is barely detectable in subcutaneous adipose tissue (at protein level). Highly expressed in the small intestine. Also found in the heart, testis, colon, salivary gland, skeletal muscle, pancreas and thyroid and, to a lesser degree, in the uterus, spleen, prostate, lymph node and thymus.

### Sequence similarities

Contains 1 fibrinogen C-terminal domain.

### Developmental stage

Found in fetal small intestine and thymus.

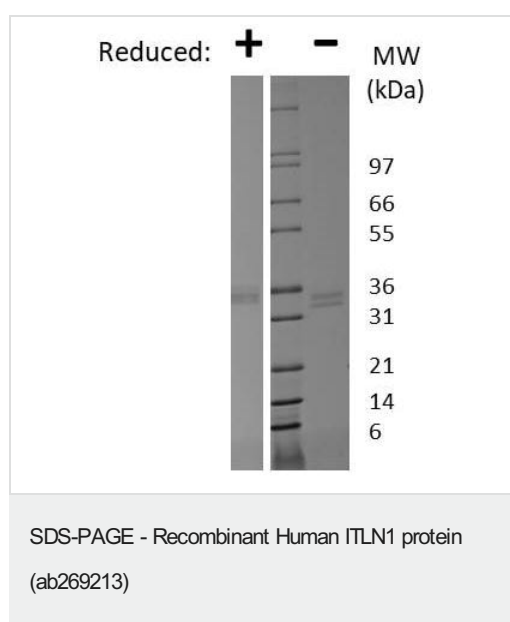
### Post-translational modifications

N-glycosylated.

### Cellular localization

Cell membrane. Secreted. Enriched in lipid rafts.

## Images



SDS-PAGE analysis of ab269213 at 1ug/lane under (-) non-reducing and (+) reducing conditions. 4-20% Tris glycine gel. Stained with coomassie blue.

## **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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