

## Product datasheet

# Recombinant Human CLEC10A protein ab152045

### Description

---

<b>Product name</b>	Recombinant Human CLEC10A protein	
<b>Purity</b>	> 95 % SDS-PAGE. ab152045 was determined to be >95% pure by SEC-HPLC and reducing SDS-PAGE.	
<b>Endotoxin level</b>	< 0.100 Eu/μg	
<b>Expression system</b>	HEK 293 cells	
<b>Accession</b>	<a href="#">Q8IUN9</a>	
<b>Protein length</b>	Protein fragment	
<b>Animal free</b>	No	
<b>Nature</b>	Recombinant	
<b>Species</b>	Human	
<b>Sequence</b>	<p>QNSKFQRDLVTLRTDFSNFTSNTVAEIQALTSQGSSLEETI            ASLKAEVEG            FKQERQAGVSELQEHTTQKAHLGHCPHCPSVCPVHSE            MLLRVQQLVQDL            KKLTCQVATLNNNASTEGETCCPVNWVEHQDSCYWFSHS            GMSWAEAEKYCQ            LKNAHLVVINSREEQNFVQKYLGSAYTWMGLSDPEGAWK            WVDGTDYATGF            QNWKPGQPDDWQGHGLGGGEDCAHFHPDGRWNDDVC            QRPYHWVCEAGLGQ TSQESHVDHHHHHH</p>	
<b>Predicted molecular weight</b>	30 kDa including tags	
<b>Amino acids</b>	61 to 316	
<b>Tags</b>	His tag C-Terminus	

### Specifications

---

Our [Abpromise guarantee](#) covers the use of **ab152045** 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 HPLC
<b>Form</b>	Lyophilized

## Preparation and Storage

---

### Stability and Storage

Shipped at 4°C. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 7.40

Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride

### Reconstitution

Lyophilized from a 0.2 µM filtered solution. Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

## General Info

---

### Function

Probable role in regulating adaptive and innate immune responses. Binds in a calcium-dependent manner to terminal galactose and N-acetylgalactosamine units, linked to serine or threonine. These sugar moieties are known as Tn-Ag and are expressed in a variety of carcinoma cells.

### Sequence similarities

Contains 1 C-type lectin domain.

### Cellular localization

Membrane.

---

**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

---

- 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.

## Terms and conditions

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors