

## Product datasheet

# Recombinant human CCL25 protein ab586

### Description

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<b>Product name</b>	Recombinant human CCL25 protein
<b>Biological activity</b>	Determined by its ability to bind CCR9 receptor expressed on the surface of MOLT4 cells.
<b>Purity</b>	> 98 % SDS-PAGE. Sterile filtered. Greater than 98% pure by SDS-PAGE and HPLC analyses. Endotoxin level is less than 0.1 ng per µg (1EU/µg).
<b>Expression system</b>	Escherichia coli
<b>Protein length</b>	Full length protein
<b>Animal free</b>	No
<b>Nature</b>	Recombinant
<b>Species</b>	Human
<b>Sequence</b>	hTECK is a 14.2 kDa protein containing 127 amino acid residues: QGVFEDCCLA YHYPIGWAVL RRAWTYRIQE VSGSCNLPAA IFYLPKRHRK VCGNP KSREVQRAMKLLDAR NKVFAKLHHN MQTFQAGPHA VKKLSSGNSK L SSSKFSNPI SSSRKNVSLISANSGL

### Specifications

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Our **Abpromise guarantee** covers the use of **ab586** 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>	Functional Studies SDS-PAGE
<b>Form</b>	Lyophilized
<b>Additional notes</b>	The biological activity of this product is determined by its ability to chemoattract human monocytes using a concentration range of 1.0-10.0 ng/ml. This product was previously labelled as TECK.

### Preparation and Storage

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<b>Stability and Storage</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.
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Constituent: 0.06% Acetic acid

This product is an active protein and may elicit a biological response in vivo, handle with caution.

## Reconstitution

For lot specific reconstitution information please contact our Scientific Support Team.

## General Info

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### Function

Potentially involved in T-cell development. Recombinant protein shows chemotactic activity on thymocytes, macrophages, THP-1 cells, and dendritic cells but is inactive on peripheral blood lymphocytes and neutrophils. Binds to CCR9. Isoform 2 is an antagonist of isoform 1.

### Tissue specificity

Specifically expressed by thymic dendritic cells. High levels in thymus and small intestine.

### Sequence similarities

Belongs to the intercrine beta (chemokine CC) family.

### Cellular localization

Secreted.

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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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