

Product datasheet

Recombinant Human TCR alpha protein ab112359

1 Image

Overview

<b>Product name</b>	Recombinant Human TCR alpha protein
<b>Protein length</b>	Protein fragment

Description

<b>Nature</b>	Recombinant
<b>Source</b>	Wheat germ

Amino Acid Sequence

<b>Accession</b>	<a href="#">P01848</a>
<b>Species</b>	Human
<b>Sequence</b>	NIQNPDPAVYQLRDSKSSDKSVCLFTDFDSQTNVSQSKDSDVYITDKTVL DMRSMDFKSNsAVAWSNKSDFACANAFNNSIIPEDTFFPSPESsCDVKLV
<b>Molecular weight</b>	37 kDa including tags
<b>Amino acids</b>	133 to 232

Specifications

Our [Abpromise guarantee](#) covers the use of **ab112359** 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>	Liquid
<b>Additional notes</b>	Best use within three months from the date of receipt of this protein.

Preparation and Storage

<b>Stability and Storage</b>	Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles. pH: 8.00 Constituents: 0.31% Glutathione, 0.79% Tris HCl
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General Info

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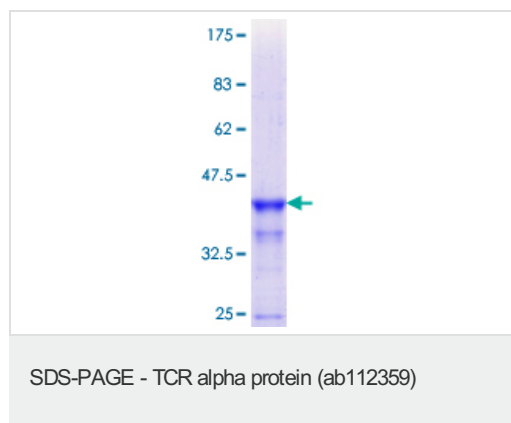
**Relevance**

TCR (T cell antigen receptor) recognizes foreign antigens and translates such recognition events into intracellular signals that elicit a change in the cell from a dormant to an activated state. TCR is a heterodimer composed of either alpha and beta or gamma and delta chains. CD3 chains and the CD4 or CD8 coreceptors are also required for efficient signal transduction through the TCR.

**Cellular localization**

Plasma membrane

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**Images**

ab112359 on a 12.5% SDS-PAGE Stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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**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 <http://www.abcam.com/abpromise> or contact our technical team.

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