

Product datasheet

Recombinant Human Fc epsilon RI/FCER1A protein ab171505

[1 Image](#)

Description

Product name	Recombinant Human Fc epsilon RI/FCER1A protein
Purity	> 85 % SDS-PAGE. ab171505 is purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P12319</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHH SSGLVPRGSH MGSVPQKPKV SLNPPWNRIF KGENVTLCN GNNFFEVSST KWFHNGSLSE ETNSSLNIVN AKFEDSGEYK CQHQQVNESE PVYLEVFSDW LLLQASAEVV MEGQPLFLRC HGWRNWDVYK VYYKDGEAL KYWYENHNIS ITNATVEDSG TYYCTGKVVQ LDYESEPLNI TVIKAPREKYWLQ
Predicted molecular weight	23 kDa including tags
Amino acids	26 to 205
Tags	His tag N-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab171505** in the following tested applications.

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

Applications	SDS-PAGE Mass Spectrometry
Mass spectrometry	MALDI-TOF
Form	Liquid
Additional notes	This product was previously labelled as Fc epsilon RI

Preparation and Storage

Stability and Storage

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.

pH: 8.00

Constituents: 0.02% DTT, 0.32% Tris HCl, 10% Glycerol (glycerin, glycerine), 0.88% Sodium chloride

General Info

Function

Binds to the Fc region of immunoglobulins epsilon. High affinity receptor. Responsible for initiating the allergic response. Binding of allergen to receptor-bound IgE leads to cell activation and the release of mediators (such as histamine) responsible for the manifestations of allergy. The same receptor also induces the secretion of important lymphokines.

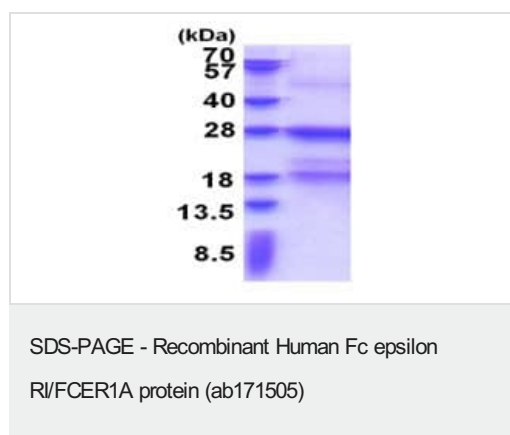
Sequence similarities

Contains 2 Ig-like (immunoglobulin-like) domains.

Cellular localization

Cell membrane.

Images



15% SDS-PAGE analysis of ab171505 (3µg).

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
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