

Product datasheet

Recombinant human IL-29 protein (Animal Free) ab217441

Description

Product name	Recombinant human IL-29 protein (Animal Free)
Biological activity	Determined by its ability to activate STAT phosphorylation in an ISRE Luciferase Reporter Assay using human colon carcinoma COLO205 cells. The expected ED ₅₀ is 0.2-0.5 ng/ml.
Purity	> 98 % SDS-PAGE. > 98 % HPLC.
Expression system	Escherichia coli
Accession	<u>Q8IU54</u>
Protein length	Protein fragment
Animal free	Yes
Nature	Recombinant
Species	Human
Sequence	PTSKPTTTGK GCHIGRFKSL SPQELASFKK ARDALEESLK LKNWSCSSPV FPGNWDLRLL QVRERPVALE AELALTLKVL EAAAGPALED VLDQPLHTLH HILSQLQACI QPQPTAGPRP RGRLHHWLHR LQEAPKKESA GCLEASVTFN LFRLLTRDLK YVADGNLCLR TSTHPEST
Predicted molecular weight	20 kDa
Amino acids	23 to 200

Specifications

Our **Abpromise guarantee** covers the use of **ab217441** in the following tested applications.

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

Applications	Functional Studies SDS-PAGE HPLC
Form	Lyophilized

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.

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**Function**

Cytokine with immunomodulatory activity. May play a role in antiviral immunity. Up-regulates MHC class I antigen expression. Ligand for the heterodimeric class II cytokine receptor composed of IL10RB and IL28RA. The ligand/receptor complex seems to signal through the Jak-STAT pathway.

Sequence similarities

Belongs to the IL-28/IL-29 family.

Cellular localization

Secreted.

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.

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