

Recombinant human IL-29 protein ab200263

Description

Product name	Recombinant human IL-29 protein
Biological activity	Fully biologically active when compared to standard. The ED ₅₀ is determined in an anti-viral assay using Human HepG2 cells infected with encephalomyocarditis is typically 1-5 ng/ml.
Purity	> 97 % SDS-PAGE. ab200263 is >97% pure as determined by SDS-PAGE and HPLC analyses.
Endotoxin level	< 1.000 Eu/μg
Expression system	Escherichia coli
Accession	<u>Q8IU54</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	PTSKPTTTGKGCHIGRFKSLSPQELASFKKARDALEESLK LKNWSCSSPV FPGNWDLRLLQVRERPVALEAELATLKVLEAAAGPALE DVLDQPLHTLH HILSQLQACIQPQPTAGPRPRGRLHHWLHRLQEAPKKESA GCLEASVTFN LFRLLTRDLKYVADGNLCLRTSTHPEST
Predicted molecular weight	20 kDa
Amino acids	23 to 200

Specifications

Our **Abpromise guarantee** covers the use of **ab200263** 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	<p>Shipped at 4°C. Store at -20°C.</p> <p>pH: 7.40</p> <p>Constituents: 0.75% Sodium chloride, 99% Phosphate Buffer</p> <p>This product is an active protein and may elicit a biological response in vivo, handle with caution.</p>
Reconstitution	<p>We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1% BSA to a concentration of 0.1-1.0 mg/mL. Upon reconstitution, the preparation is stable for up to one week at 2-8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C to -70°C. Avoid repeated freeze/thaw cycles.</p>
General Info	
Function	<p>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.</p>
Sequence similarities	<p>Belongs to the IL-28/IL-29 family.</p>
Cellular localization	<p>Secreted.</p>

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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