

Recombinant Human IFNAR2 protein ab151876

Description

Product name	Recombinant Human IFNAR2 protein
Purity	> 95 % SDS-PAGE. Purity is greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE. ab151876 was lyophilised from a 0.2 µM filtered solution.
Endotoxin level	< 1.000 Eu/µg
Expression system	HEK 293 cells
Accession	<u>P48551</u>
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	ISYDSPDYTDESCTFKISLRNFRSILSWELKNHSVPTHYLL YTIMSKP EDLKVVVKNCANTTRSFCDLTDEWRSTHEAYVTVLEGFSG NTTLFSCSHNF WLAIMSFEPPEFEVGFTHINVMVKFPSVEEELQFDLS LVIEEQSEG VKKHKPEIKGNMSGNFTYIIDKLIPNTNYCVSVYLEHSDEQ AVIKSPLK CTLLPPGQESESAESAKVDHHHHHH
Predicted molecular weight	26 kDa including tags
Amino acids	27 to 243
Tags	His tag C-Terminus

Specifications

Our **Abpromise guarantee** covers the use of **ab151876** 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
	HPLC

Form	Lyophilized
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Preparation and Storage

Stability and Storage	<p>Shipped at 4°C. Store at -20°C or -80°C.</p> <p>pH: 7.20</p> <p>Constituents: 99% Phosphate Buffer, 0.88% Sodium chloride</p>
Reconstitution	<p>Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilised protein in 1X PBS. It is not recommended to reconstitute to a concentration less than 100 µg/ml.</p> <p>Reconstituted protein solution can be stored at 4-7°C for 2-7 days. For long term storage aliquot and store at < -20°C.</p>
General Info	
Function	<p>Associates with IFNAR1 to form the type I interferon receptor. Receptor for interferons alpha and beta. Involved in IFN-mediated STAT1, STAT2 and STAT3 activation. Isoform 1 and isoform 2 are directly involved in signal transduction due to their association with the TYR kinase, JAK1. Isoform 3 is a potent inhibitor of type I IFN receptor activity.</p>
Tissue specificity	<p>Isoform 3 is detected in the urine (at protein level). Expressed in blood cells. Expressed in lymphoblastoid and fibrosarcoma cell lines.</p>
Sequence similarities	<p>Belongs to the type II cytokine receptor family.</p>
Post-translational modifications	<p>Phosphorylated on tyrosine residues upon interferon binding. Phosphorylation at Tyr-337 or Tyr-512 are sufficient to mediate interferon dependent activation of STAT1, STAT2 and STAT3 leading to antiproliferative effects on many different cell types.</p> <p>Glycosylated.</p>
Cellular localization	<p>Secreted and Membrane.</p>

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

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