

## Datasheet for ABIN2690584 IL-20 Protein



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### Overview

Quantity:	50 µg
Target:	IL-20 (IL20)
Origin:	Human
Source:	Escherichia coli (E. coli)
Biological Activity:	Active

### Product Details

Specificity:	Optimized DNA sequence encoding Human Interleukin-20 mature chain was expressed in Escherichia Coli.
Characteristics:	<p>Native human Interleukin-20 generated by the proteolytic removal of the signal peptide and propeptide, the molecule has a calculated molecular mass of approximately 16kDa.</p> <p>Recombinant IL-20 is a disulfide-linked monomeric protein consisting of 135 amino acid residue subunits, and migrates as an approximately 18kDa protein under non-reducing conditions and reducing conditions in SDS-PAGE.</p>
Purity:	> 95 %, as determined by SDS-PAGE and HPLC
Sterility:	0.2 µm filtered
Endotoxin Level:	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/µg(1EU/µg).

### Target Details

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## Target Details

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Alternative Name: IL-20 ([IL20 Products](#))

UniProt: [Q9NYY1](#)

Pathways: [Protein targeting to Nucleus](#)

## Application Details

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Comment: The ED(50) was determined by by a cell proliferation assay using human IL-20Ralpha and human IL-20Rbeta co-transfected murine BaF3 pro-B cells and was found to be less than 0.6 ng/mL, corresponding to a specific activity of  $1.7 \times 10^6$  IU/mg.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: A quick spin of the vial followed by reconstitution in distilled water to a concentration not less than 0.1 mg/mL. This solution can then be diluted into other buffers.

Buffer: PBS solution pH 7.5.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: -20 °C

Storage Comment: The lyophilized antibody is stable for at least 1 year from date of receipt at -20 °C. Upon reconstitution, this antibody can be stored in working aliquots at -8 °C for one month, or at -20 °C for six months without detectable loss of activity.

Expiry Date: 12 months