

# Product Datasheet

## Recombinant Human IL-31 Protein **NBP1-99456**

Unit Size: 0.01 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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**NBP1-99456**

## Recombinant Human IL-31 Protein

**Product Information**

<b>Unit Size</b>	0.01 mg
<b>Concentration</b>	Lyoph
<b>Storage</b>	Store at -20 to -80C. Avoid freeze-thaw cycles.
<b>Reconstitution Instructions</b>	Centrifuge the vial prior to opening. Reconstitute in sterile H <sub>2</sub> O to a concentration >100 ug/ml. This solution can then be diluted into other aqueous buffers.
<b>Purity</b>	>95%, by SDS-PAGE
<b>Buffer</b>	Lyophilized from 20 mM phosphate buffer, 150 mM NaCl, pH 7.4
<b>Target Molecular Weight</b>	15.8 kDa

**Product Description**

<b>Description</b>	Recombinant bioactive protein for Human IL-31  <b>Source:</b> <i>E. coli</i> <b>Amino Acid Sequence:</b> (Q6EBC2) - <b>SHTLPVRLRPSDDVQKIVEELQSLSKMLKDVEEKGVLSQNYTLPCLSPD AQPPNNIHSPAIRAYLKTIRQLDNKSVIDEIIHLDKLIFQDAPETNISVPTDTHE CKRFLTISQQFSECMDLALK SLTSGAQQATT</b>
<b>Gene ID</b>	386653
<b>Gene Symbol</b>	IL31
<b>Species</b>	Human
<b>Details of Functionality</b>	The ED <sub>50</sub> was determined by its ability to activate STAT following receptor ligand interaction and found to be <5 ng/ml, corresponding to a specific activity of 200,000 units.

**Product Application Details**

<b>Applications</b>	SDS-Page, Bioactivity
<b>Recommended Dilutions</b>	SDS-Page, Bioactivity



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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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