

Product Datasheet

Recombinant Human IL-31 Animal-Free Protein NBP2-76195-5ug

Unit Size: 5 ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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Updated 10/3/2023 v.20.1

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NBP2-76195-5ug

Recombinant Human IL-31 Animal-Free Protein

Product Information	
Unit Size	5 ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Sterile water at 0.1 mg/mL
Purity	>95%, by SDS-PAGE
Buffer	Lyophilized from a sterile (0.2 micron) filtered aqueous solution containing 20 mM sodium phosphate, 50 mM sodium chloride, pH 7.5
Target Molecular Weight	15.8 kDa

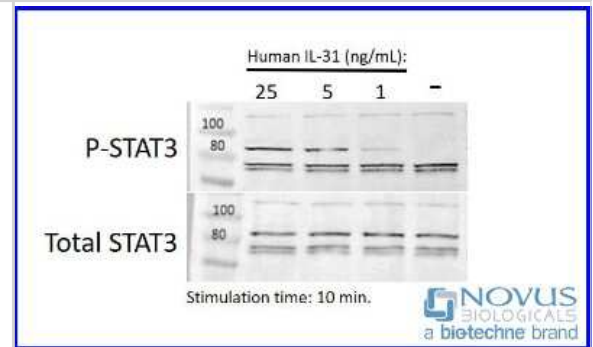
Product Description	
Description	For prolonged storage, dilute to working aliquots. Expiration Date: 12 months from date of receipt when stored at -20C to -80C as supplied. 1 month when stored at 4C after reconstituting as directed. 3 months when stored at -20C to -80C after reconstituting as directed.
Gene ID	386653
Gene Symbol	IL31
Species	Human
Specificity/Sensitivity	IL-31 is a monomer, 15.8 kDa (141 aa)
Preparation Method	Protein is derived from genetically modified E. coli.
Details of Functionality	STAT3 Activation in U-87 MG cells, (ED50 acceptance criteria are < 25 ng/mL).
Endotoxin Note	Acceptance criteria for endotoxin levels are <1 EUs/ug protein (determined by Kinetic LAL Method).

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity
Application Notes	Lot Specific Information: Given endotoxin and ED50 values are acceptance criteria standards. For lot specific values, please contact technical support.



Images

Bioactivity: Recombinant Human IL-31 Animal-Free Protein [NBP2-76195] - IL-31 induced activation of STAT3 in U-87MG cells.





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