

Product Datasheet

Recombinant Canine IL-31 His Protein NBP2-59591-50ug

Unit Size: 50 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

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NBP2-59591-50ug**Recombinant Canine IL-31 His Protein**

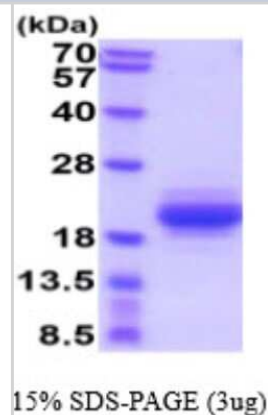
Product Information	
Unit Size	50 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>95%, by SDS-PAGE
Buffer	PBS (pH 7.4), 10% glycerol
Target Molecular Weight	16.1 kDa

Product Description	
Description	<p>A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 24-159 of Canine IL-31</p> <p>Source: <i>Baculovirus</i></p> <p>Amino Acid Sequence: SHMAPTHQLP PSDVRKIILE LQPLSRGLLE DYQKKETGVP ESNRTLCL TSDSQPPRLN SSAILPYFRA IRPLSDKNII DKIIQLDKL KFHPEPETEI SVPADTFECK SFILTILQQF SACLESVFKS LNSGPQH HHH HH</p>
Gene ID	386653
Gene Symbol	IL31
Species	Canine
Reactivity Notes	Use in Canine reported in scientific literature (PMID:33763461).
Endotoxin Note	< 1.0 EU per 1 microgram of protein (determined by LAL method)

Product Application Details	
Applications	SDS-Page
Recommended Dilutions	SDS-Page

Images

SDS-Page: Recombinant Canine IL-31 Protein [NBP2-59591] - 15% SDS-PAGE (3ug)



Publications

Wheeler JJ, Lascelles BD, Olivry T et al. Itch-associated Neuropeptides and Their Receptor Expression in Dog Dorsal Root Ganglia and Spinal Cord. *Acta Dermato-Venereologica* 2019-11-01 [PMID: 31449313] (ELISA, ELISA)

Massimini M, Dalle Vedove E, Bachetti B et al. Polyphenols and Cannabidiol Modulate Transcriptional Regulation of Th1/Th2 Inflammatory Genes Related to Canine Atopic Dermatitis *Frontiers in veterinary science* 2021-03-05 [PMID: 33763461] (Canine)





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-59591-50ug

NBP2-34870-100ug	Recombinant Human IL-31 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY2824	IL-31 [Biotin]
M6000B-1	IL-6 [HRP]

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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