

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.

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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

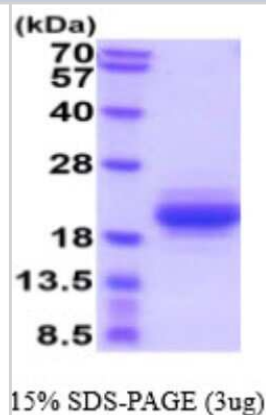
Description	<p>A recombinant protein with a C-Terminal His-tag and corresponding to the amino acids 24-159 of Canine IL-31</p> <p>Source: <i>Baculovirus</i></p> <p>Amino Acid Sequence: SHMAPTHQLP PSDVRKIILE LQPLSRGLLE DYQKKETGVP ESNRTLCL TSDSQPPRLN SSAILPYFRA IRPLSDKNII DKIIQLDKL KQHEPETEI SVPADTFECK 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)





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Products Related to NBP2-59591-50ug

NBP2-34870-100ug	Recombinant Human IL-31 Protein
210-TA-005	TNF-alpha [Unconjugated]
DY2824	IL-31 [Biotin]
6507-IL-010/CF	IL-4 [Unconjugated]

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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