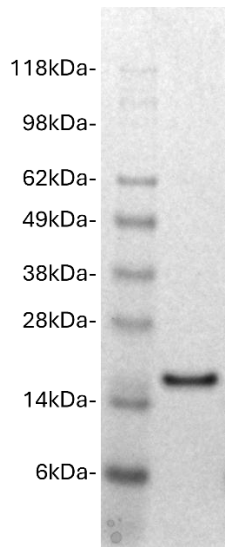


Interleukin-31 (IL-31) is involved in TH2-weighted inflammation and cell-mediated immunity. It is produced by activated CD4⁺ T cells, mast cells, dendritic cells, and other cell types. Its major sites of action are the skin, lung, intestine and the nervous system. IL-31 is a key player in dermatology and is involved in the pathogenesis of various skin disorders.

Description	
Source	E. coli, Ser24-Gln159, with N-terminal His Tag
UniProt	C7G0W1
Purity	>99% by SDS-PAGE
Predicted Molecular Mass	17.4 kDa
SDS-PAGE	17.8 kDa
Formulation	Lyophilized from 1X PBS with Trehalose
Preparation and Storage	
Reconstitution	Reconstitute at 10 µg/mL in sterile PBS containing at least 0.1% protein
Shipping	Ambient
Storage	2 years at -80°C; 2 years at -20°C or 4°C Upon reconstitution: 2 years at -80°C; 2 years at -20°C
Expiration	See lot specific CoA
	
Canine IL-31 (2µg) on a Coomassie stained 4-12% SDS-PAGE gel, reducing conditions.	

For Research Use Only

Ampersand Biosciences products may not be sequenced, reverse engineered, or investigated in any way to determine composition without the expressed written consent of Ampersand Biosciences.