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## Datasheet for ABIN7013437 IL-31 Protein (AA 24-164) (His tag)

2 Images



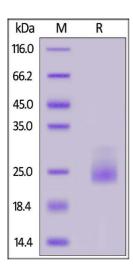
#### Overview

100 µg					
IL-31 (IL31)					
AA 24-164					
Human					
HEK-293 Cells					
Recombinant					
Active					
This IL-31 protein is labelled with His tag.					
Human IL-31 Protein, His Tag (MALS verified)					
>90 % as determined by SDS-PAGE.					
Less than 1.0 EU per µg by the LAL method.					
Less than 1.0 EU per µg by the LAL method.					
Less than 1.0 EU per μg by the LAL method. IL-31 (IL31)					

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	31 is produced by a variety of cells, namely type 2 helper (TH2) T-cells. IL-31 sends signals					
	through a receptor complex made of IL-31RA and oncostatin M receptor $\beta$ (OSMR $\beta$ ) expres					
	in immune and epithelial cells. These signals activate three pathways: ERK1/2 MAP kinase,					
	PI3K/AKT, and JAK1/2 signaling pathways.					
Molecular Weight:	17.7 kDa					
NCBI Accession:	NP_001014358					
Application Details						
Application Notes:	MALS verified					
Application Notes: Restrictions:	MALS verified For Research Use only					
Restrictions:						
Restrictions: Handling	For Research Use only					

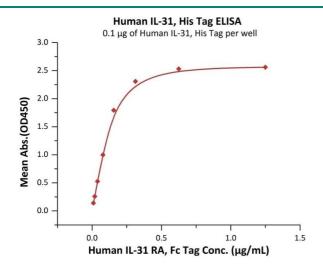
### Images



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**Image 1.** Human IL-31, His Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 90 %.

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#### ELISA

**Image 2.** Immobilized Human IL-31, His Tag (ABIN6973122) at 1  $\mu$ g/mL (100  $\mu$ L/well) can bind Human IL-31 RA, Fc Tag (ABIN6731283,ABIN6809877) with a linear range of 0.02-0.625  $\mu$ g/mL (QC tested).

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