

Datasheet for ABIN935586 IL-31 Protein



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Overview

Quantity:	10 µg
Target:	IL-31 (IL31)
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Biological Activity:	Active

Product Details

Sequence:	MTCSLSFGAP ISKEDLRTTI DLLKQESQDL YNNYSIKQAS GMSADESIQL PCFSLDREAL TNISVIIAHL EKVKVLSSENT VDTSWVIRWL TNISCFNPLN LNISVPGNTD ESYDCKVFVL TVLKQFSNCM AELQAKDNTT C
Characteristics:	Purified recombinant Mouse IL31 protein Expression System: E.coli Bioactivity: Testing in Progress.
Purity:	> 98 % pure
Endotoxin Level:	< 0.1 ng per µg (1 EU/µg).

Target Details

Target:	IL-31 (IL31)
Alternative Name:	IL31 (IL31 Products)
Background:	IL31 is a T-cell derived cytokine that shares several structural and functional characteristics

Target Details

with IL6, Oncostatin M, LIF, and Cardiotrophin-1. It signals through a receptor complex comprised of GPL (GP130-like, IL31RA) and OSMR (Oncostatin M receptor). GPL/OSMR signaling is a strong activator of STAT3 and STAT5, and can also activate STAT1, Jak1, and Jak2 signaling pathways. IL31 regulated immune responses have been implicated in skin physiology and inflammatory skin diseases.

Alternative Names: Interleukin 31 protein, IL31, IL 31, IL-31 protein, IL-31, IL-31 protein, IL 31 protein

Molecular Weight: 15.8 kDa

Application Details

Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Supplied as a lyophilized powder.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: RT/-20 °C