Product datasheet

ARG70397
Mouse IL31 recombinant protein (His-tagged, C-ter)

Package: 100 µg, 20 µg
Store at: -20°C

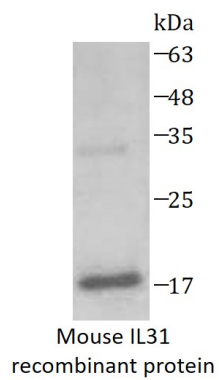## Summary

Product Description	E. coli expressed, His-tagged (C-ter) Mouse IL31 recombinant protein
Tested Application	SDS-PAGE
Target Name	IL31
Species	Mouse
A.A. Sequence	Thr24 - Cys163
Expression System	E. coli
Alternate Names	IL31; Interleukin 31; IL-31; Interleukin-31

Properties

Form	Powder
Purification Note	Endotoxin level is less than 0.1 EU/µg of the protein, as determined by the LAL test.
Purity	> 95% (by SDS-PAGE)
Buffer	PBS (pH 7.4)
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile water to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min at room temperature to make sure the protein is dissolved completely.
Storage instruction	For long term, lyophilized protein should be stored at -20°C or -80°C. After reconstitution, aliquot and store at -20°C or -80°C for up to one month. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	IL31
Gene Full Name	Interleukin 31
Background	IL31, which is made principally by activated Th2-type T cells, interacts with a heterodimeric receptor consisting of IL31RA (MIM 609510) and OSMR (MIM 601743) that is constitutively expressed on epithelial cells and keratinocytes. IL31 may be involved in the promotion of allergic skin disorders and in regulating other allergic diseases, such as asthma.
Function	Activates STAT3 and possibly STAT1 and STAT5 through the IL31 heterodimeric receptor composed of IL31RA and OSMR.
PTM	Glycoprotein
Cellular Localization	Secreted

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Images

Mouse IL31
recombinant protein

ARG70397 Mouse IL31 recombinant protein (His-tagged, C-ter) SDS-PAGE image

SDS-PAGE analysis of ARG70397 Mouse IL31 recombinant protein (His-tagged, C-ter)