

IL-31, mouse recombinant protein
Interleukin 31, IL31, IL-29
Catalog # PBV10520r**Specification**

IL-31, mouse recombinant protein - Product info

Primary Accession [Q6EAL8](#)
Calculated MW **15.7 kDa KDa**

IL-31, mouse recombinant protein - Additional Info

Gene ID	76399
Gene Symbol	IL31
Other Names	
Interleukin 31, IL31	
Gene Source	Mouse
Source	E. coli
Assay&Purity	SDS-PAGE; ≥97%
Assay2&Purity2	HPLC; NA
Recombinant	Yes
Sequence	MTCSLSFGAP ISKEDLRRTI DLLKQESQDL YNNYSIKQAS GMSADESIQL PCFSLDREAL TNISVIIAHL EKVKVLSENT VDTSWVIRWL TNISCFNPLN LNISVPGNTD ESYDCKVFVL TVLKQFSNCM AELQAKDNTT C

Application Notes

Reconstitute in sterile H₂O at a concentration of 0.1mg/ml. It is recommended that a carrier protein (0.1% HSA or BSA) is added for long term storage. Reconstituted IL-31 should be stored in working aliquots at -20°C.

Format

Lyophilized protein

Storage

-20°C; Sterile filtered white powder lyophilized from a solution containing 10 mM sodium phosphate buffer pH 7.5.

IL-31, mouse recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)

- [Flow Cytometry](#)
- [Cell Culture](#)

IL-31, mouse recombinant protein - Images**IL-31, mouse recombinant protein - Background**

Interleukin-31 (IL-31) is an immunoregulatory cytokine that is mainly expressed by activated TH2 cells. IL-31 signals through the IL-31 Receptor (IL-31RA) and the oncostain receptor (OSMR), which are expressed on monocytes, epithelial cells, and keratinocytes. IL-31 has a role in inflammatory skin diseases. Recombinant mouse IL-31 is a non-glycosylated protein, containing 141 amino acids, with a mass of 15.7 kDa.

IL-31, mouse recombinant protein - References

Dillon S.R., et al. Nat. Immunol. 5:752-760(2004).