

## Interleukin-31 Mouse Recombinant

Item Number	rAP-0620
Synonyms	Interleukin 31, IL31, IL-31.
Description	IL31 mouse recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 141 amino acids and having a molecular mass of 15.7 kDa.
Uniprot Accesion Number	Q6EAL8
Amino Acid Sequence	MTCSLSFGAP ISKEDLRTTI DLLKQESQDL YNNYSIKQAS GMSADESIQL PCFSLDREAL TNISVIIAHL EKVKVLSSENT VDTSWVIRWL TNISCFNPLN LNISVPGNTD ESYDCKVFVL TVLKQFSNCM AEL- QAKDNTT C.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized IL31 Recombinant although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution IL31 should be stored at 4°C between 2-7 days and for future use below -18°C. Please prevent freeze-thaw cycles.
Formulation and Purity	The IL31 (1mg/ml) was lyophilized from 10mM sodium Phosphate pH-7.4. Greater than 97.0% as determined by (a) Analysis by SEC-HPLC. (b) Analysis by SDS-PAGE.
Application	
Solubility	It is recommended to reconstitute the lyophilized IL31 in sterile 18M $\Omega$ -cm H <sub>2</sub> O not less than 100 $\mu$ g/ml, which can then be further diluted to other aqueous solutions.
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**