

PRODUCT INFORMATION

Target	IL31
Synonyms	IL-31
Description	Recombinant mouse IL31 protein with C-terminal human Fc tag
Delivery	In Stock
Uniprot ID	Q6EAL8
Expression Host	HEK293
Tag	C-Human Fc tag
Molecular Characterization	Mouse IL31(Thr24-Cys163) hFc(Glu99-Ala330)
Molecular Weight	The protein has a predicted molecular mass of 41.8 kDa after removal of the signal peptide.
Purity	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Sterility	Products are supplied non-sterile. For cell culture applications, dilute in appropriate medium and sterile-filter (0.22 µm) prior to use.
Background	Enables cytokine activity and oncostatin-M receptor binding activity. Predicted to be involved in immune system process and signal transduction. Located in extracellular space. Orthologous to human IL31 (interleukin 31). [provided by Alliance of Genome Resources, Jul 2025]
Usage	Research use only
Conjugate	Unconjugated





Figure 1. Mouse IL31 Protein, hFc Tag on SDS-PAGE under reducing condition.

