

Recombinant Human IL31 protein, His-tagged

Cat. No. IL31-0224H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL31 protein(Q6EBC2-1)(Ser24-Thr164), fused with N-terminal His tag, was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	Ser24-Thr164
Tag	N-His
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-31, His Tag at 5ug/ml (100ul/Well) on the plate. Dose response curve for Human IL-31 RA, hFc Tag with the EC50 of 1.53ug/ml determined by ELISA (QC Test).
Molecular Mass	The protein has a predicted MW of 16.9 kDa. Due to glycosylation, the protein migrates to 20-25 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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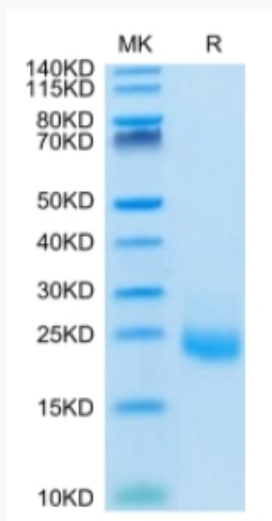
Storage	Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
Reconstitution	Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.
GENE INFORMATION	
Gene Name	IL31 interleukin 31 [Homo sapiens]
Official Symbol	IL31
Synonyms	IL31; interleukin 31; interleukin-31; IL 31; IL-31;
Gene ID	386653
mRNA Refseq	NM_001014336
Protein Refseq	NP_001014358
MIM	609509
UniProt ID	Q6EBC2

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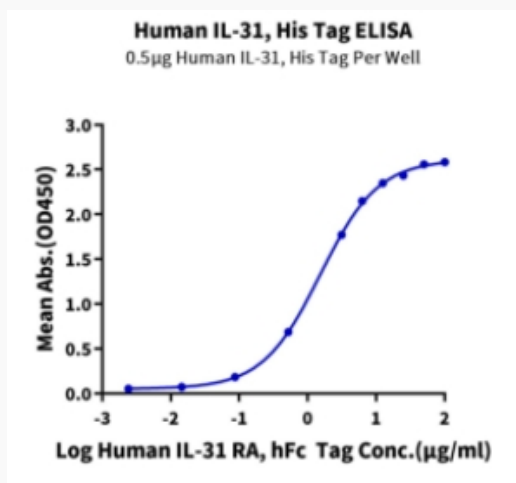
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Tris-Bis PAGE



ELISA Data



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