

Active Recombinant Human IL13 protein, Low Endotoxin

Cat. No. IL13-2435H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL13 protein(AAK53823)(Gly21-Asn132) was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	21-132 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Human IL-13, No Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Human IL-13Ra2, His Tag with the EC50 of 16.2ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 12.35 kDa. Due to glycosylation, the protein migrates to 20-45 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 0.01 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE; > 95% as determined by HPLC
Storage	Store at -20 to -80°C for 24 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities

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for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL13 interleukin 13 \[Homo sapiens \]](#)

Official Symbol [IL13](#)

Synonyms IL13; interleukin 13; interleukin-13; allergic rhinitis; ALRH; BHR1; Bronchial hyperresponsiveness 1 (bronchial asthma); IL 13; MGC116786; MGC116788; MGC116789; P600; Bronchial hyperresponsiveness-1 (bronchial asthma); IL-13;

Gene ID [3596](#)

mRNA Refseq [NM_002188](#)

Protein Refseq [NP_002179](#)

MIM [147683](#)

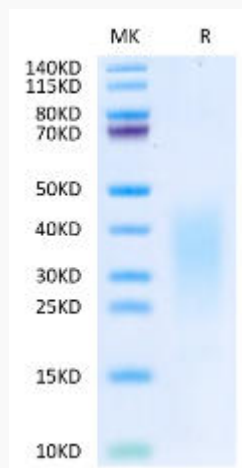
UniProt ID [P35225](#)

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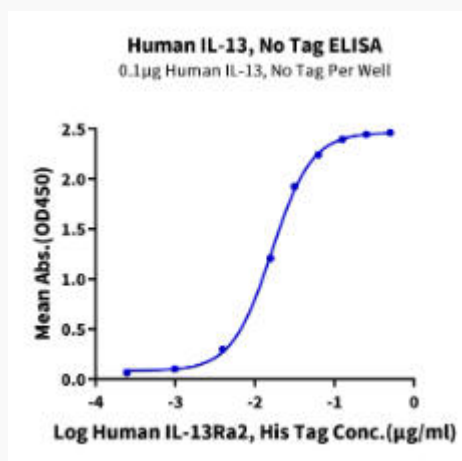
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Bis-Tris PAGE



ELISA Data



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