

Active Recombinant Human IL13 protein, His-tagged, Low Endotoxin

Cat. No. IL13-3589H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL13 protein(AAK53823)(Gly21-Asn132) is expressed from HEK293 with His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	21-132 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Immobilized Human IL-13, His Tag at 1µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-13Ra2, His Avi Tag with the EC50 of 37.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 13.95 kDa. Due to glycosylation, the protein migrates to 35-50 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	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal

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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

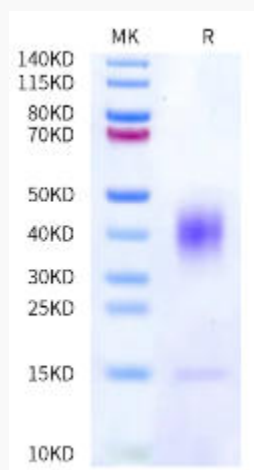
UniProt ID P35225

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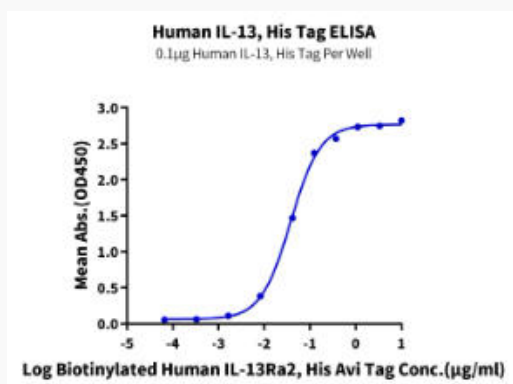
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Bis-Tris PAGE



ELISA Data



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