

Recombinant Human IL1B protein, His-Avi-tagged, Biotinylated

Cat. No. IL1B-6744H Lot. No. (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Human IL1B protein(P01584)(Ala117-Ser269), fused with C-terminal His and Avi tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	Ala117-Ser269
Tag	C-His-Avi
Conjugation/Label	Biotin
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-1R2, hFc Tag at 1 ug/ml (100 ul/well) on the plate. Dose response curve for Biotinylated Human IL-1 Beta, His Tag with the EC50 of 9.2 ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 20.1 kDa same as Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.

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Purity	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC
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.
Conjugation	Biotin

GENE INFORMATION

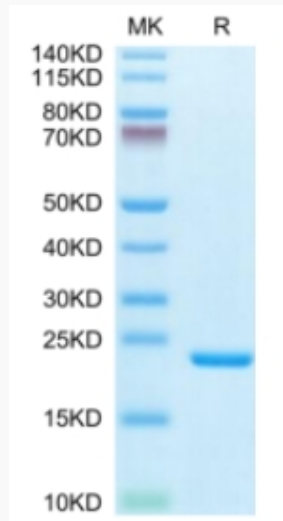
Gene Name	IL1B interleukin 1, beta [Homo sapiens]
Official Symbol	IL1B
Synonyms	IL1B; interleukin 1, beta; interleukin-1 beta; IL 1B; IL1 BETA; IL1F2; IL-1 beta; catabolin; preinterleukin 1 beta; pro-interleukin-1-beta; IL-1; IL1-BETA;
Gene ID	3553
mRNA Refseq	NM_000576
Protein Refseq	NP_000567
MIM	147720
UniProt ID	P01584

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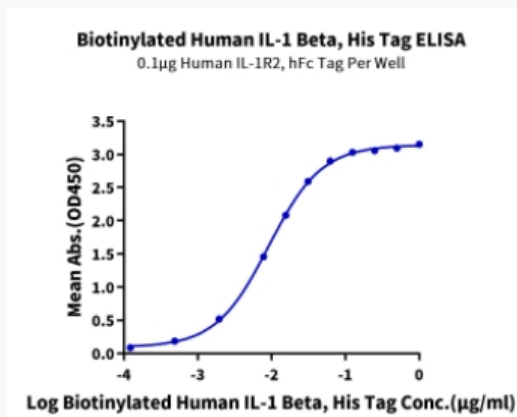
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Tris-Bis PAGE



ELISA Data



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