

Active Recombinant Human IL1A protein, Fc-tagged

Cat. No. IL1A-4232H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL1A protein(P01583)(Phe113-Thr271) is expressed from HEK293 with hFc (IgG1) tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	113-271 aa
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4).
Bio-activity	Human IL-1R1, His Tag captured on CM5 Chip via Anti-His Antibody can bind Human IL-1 alpha, hFc Tag with an affinity constant of 0.28 µM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 43.99 kDa. Due to glycosylation, the protein migrates to 50-60 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 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 storage. Please minimize freeze-thaw cycles.

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Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name [IL1A interleukin 1, alpha \[Homo sapiens \]](#)

Official Symbol [IL1A](#)

Synonyms IL1A; interleukin 1, alpha; IL1; interleukin-1 alpha; hematopoietin 1; IL 1A; IL1 ALPHA; IL1F1; preinterleukin 1 alpha; pro interleukin 1 alpha; IL-1 alpha; hematopoietin-1; pro-interleukin-1-alpha; IL-1A; IL1-ALPHA;

Gene ID [3552](#)

mRNA Refseq [NM_000575](#)

Protein Refseq [NP_000566](#)

MIM [147760](#)

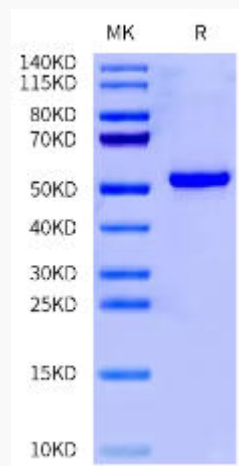
UniProt ID [P01583](#)

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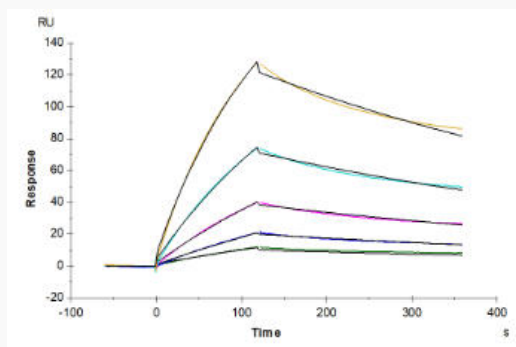
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Bis-Tris PAGE



SPR Data



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