

Active Recombinant Human IL1A protein, Low Endotoxin

Cat. No. IL1A-501H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human IL1A protein(NP_000566.3)(Ser113-Ala271) is expressed from E.coli without tag.
Species	Human
Source	E.coli
ProteinLength	113-271 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured by its ability to induce Interferon gamma secretion by human natural killer lymphoma NK-92 cells. The ED50 for this effect is typically 0.5-3 ng/mL.
Molecular Mass	The protein has a predicted MW of 18 kDa same as 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 storage. Please minimize freeze-thaw cycles.
Reconstitution	Dissolve the lyophilized protein in distilled water.

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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

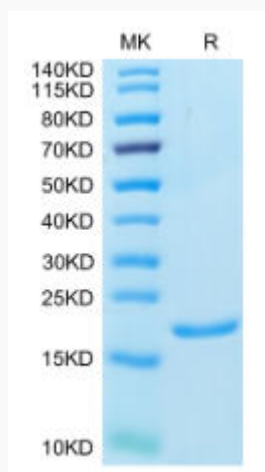
mRNA Refseq NM_000575

Protein Refseq NP_000566

MIM 147760

UniProt ID P01583

Bis-Tris PAGE

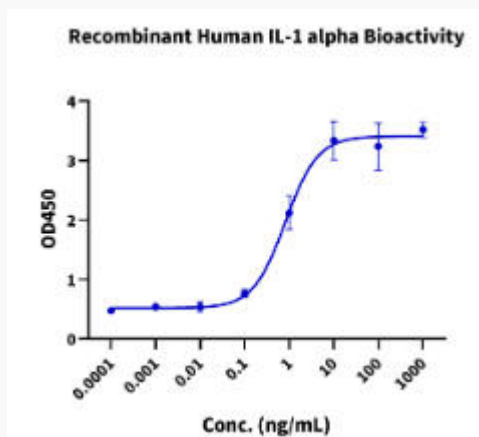


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Cell Based Assay



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