

Active Recombinant Human IL1A protein, His-tagged

Cat. No. IL1A-2631H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL-1 alpha Protein is produced by HEK293 expression system. The target protein is expressed with sequence (Ser113-Ala271) of human IL-1 alpha/IL1A/IL1F1 (Accession #NP_000566.3) fused with a 6×His tag at the C-terminus.
Species	Human
Source	HEK293
ProteinLength	Ser113-Ala271
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized Recombinant Human IL1A at 5 µg/mL (100 µL/well) can bind recombinant Human IL1R2, the ED50 of Human IL1R2 is 2.18 µg/mL.
Molecular Mass	21 kDa
Endotoxin	< 0.1 EU/µg of the protein by LAL method.
Purity	> 95% by SDS-PAGE.
Storage	Store the lyophilized protein at -20°C to -80 °C for long term. After reconstitution, the protein solution is stable at -20 °C for 3 months, at 2-8 °C for

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up to 1 week.

Reconstitution Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile 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

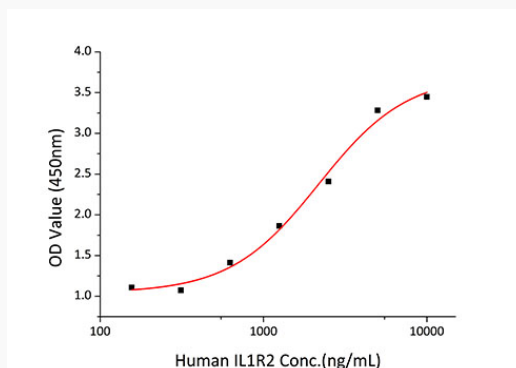
UniProt ID P01583

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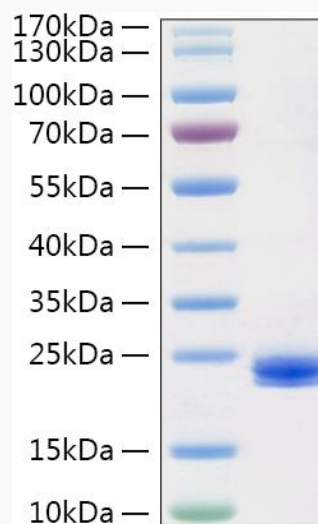
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Bio-activity



SDS-PAGE



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