

Active Recombinant Human IL1A protein

Cat. No. IL1A-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1A protein(Ser113-Ala271) was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	113-271 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 for this effect is 9.39-37.58 pg/mL, corresponding to a specific activity of $2.66 \times 10^7 \sim 1.06 \times 10^8$ units/mg.
Molecular Mass	18.05 kDa
Endotoxin	Please contact us for more information.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

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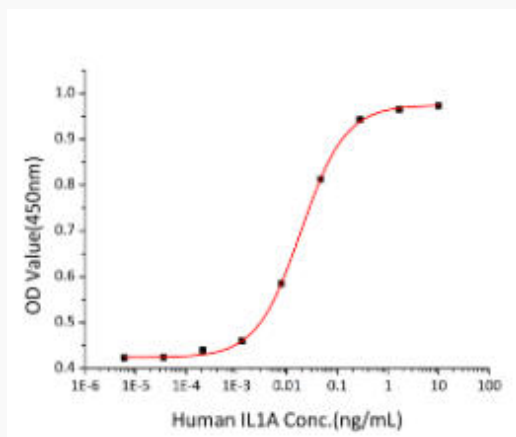
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in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

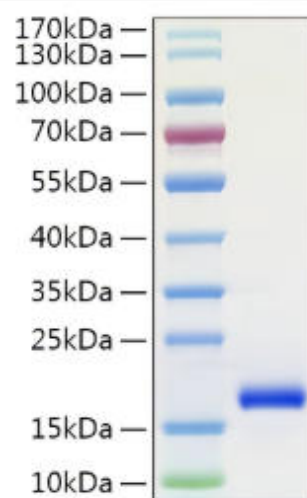
GENE INFORMATION

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

Activity



SDS-PAGE



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