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

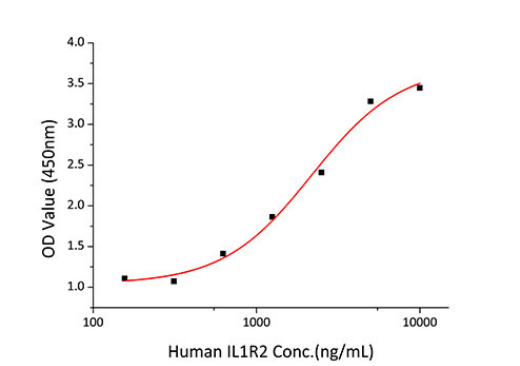
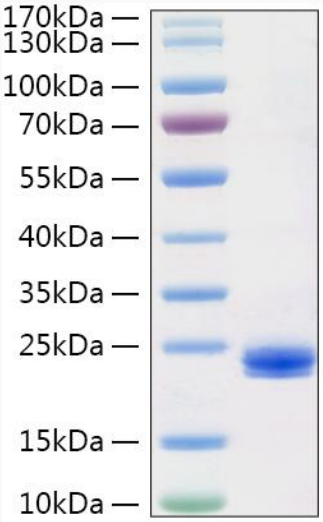
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	up to 1 week.
Reconstitution	Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water.

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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Bio-activity	
SDS-PAGE	

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