

Recombinant Human IL1A(Ser113-Ala271) Protein, C-Avi-tagged, Biotinylated

Cat. No. IL1A-05H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL1A(P01583)(Ser113-Ala271) Protein, fused with a Avi tag at the C-terminus, was produced in E.coli. The purified protein was biotinylated in vitro.
Species	Human
Source	E.coli
ProteinLength	113-271 a.a.
Form	Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.
Molecular Mass	The recombinant Human IL1A Protein has a predicted molecular mass of 20kDa, it migrates with an apparent molecular mass of 19kDa under reducing conditions
AA Sequence	Ser113-Ala271
Endotoxin	< 0.01 EU per µg of the protein as determined by the LAL method.
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Characteristic	The biotin to protein ratio is 0.5-1 as determined by the HABA assay.
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.

Shipping

In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature.

Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

Conjugation

Biotin

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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