



# AVISCERA BIOSCIENCE

## Human Interleukin-1 $\alpha$ (IL-1 $\alpha$ ), Recombinant

### Product Information

Code	00742-01-100
Name	Human IL-1 $\alpha$
Lot No.	
Size	100 $\mu$ g
Species	Human
Sequence	Ser113-Ala271
Protein ID	P01583
Gene ID	3552
MW	16 KD
Tag	His tag on N terminal
Source	E. Coli
Purity	>95% in SDS-PAGE gel Tris buffer lyophilized
Formulation	form without preservatives
Carry	Free
Storage	-20 ° C ~ -70 ° C
Reconstitution	500 $\mu$ l
Application	ELISA

### Description

A DNA sequence encoding the mature form of human IL-1 $\alpha$  (Ser<sup>113</sup>-Ala<sup>271</sup>) with 6 His tag on the N-Terminus was expressed in *E. Coli*. This protein was purified by Ni-NTA column.

### Formulation

Lyophilized 100  $\mu$ g of human IL-1 $\alpha$  in 500  $\mu$ l of TBS (20 mM Tris, 50mM NaCl, pH8.0). Carry free.

### Reconstitution & Storage

Add 500  $\mu$ l deionized water to the vial to prepare a working stock solution at 200  $\mu$ g/mL. Allow to set at least 30 minutes at 4 ° C, mix well.

Store lyophilized protein at -20 °C or -70 °C. Lyophilized protein is stable for up to 6 months from date of receipt at -20 °C to -70 °C. Upon reconstitution, this protein can be stored at -20 °C for a few weeks or at -70 °C in a manual defrost freezer for long term storage (six months). Aliquot reconstituted protein to avoid repeated freezing / thawing cycles.

**Sequence:** Human IL-1 $\alpha$  (Ser<sup>113</sup>-Ala<sup>271</sup>)

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113
SAPFSFLS
NVKYNFMRII KYEFILNDAL NQSIIRANDQ YLTAAALHNL
DEAVKFDMDGA YKSSKDDAKI TVILRISKTD LYVTAQDEDQ
PVLLKEMPEI PKTITGSETN LLFFWETHGT KNYFTSVAHP
NLFIATKQDY WVCLAGGPPS ITDFQILENQ A 271
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