

Recombinant Human IL-1 α

CATALOG #:	4125-10	10 μ g
	4125-50	50 μ g
	4125-1000	1 mg
LOT #:	_____	
SOURCE:	<i>E. coli</i>	
PURITY:	>98% by SDS-PAGE and HPLC analysis Endotoxin level is <0.1 ng per μ g of IL-1 α .	
MOL. WEIGHT:	18.0 kDa	
FORMULATION:	Sterile filtered and lyophilized powder	

RECONSTITUTION:

Centrifuge the vial prior to opening. Reconstitute in water to a concentration of 0.1-1 mg/ml. The solution can then be diluted into other aqueous buffers and stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized IL-1 α is best-stored desiccated below 0°C. Reconstituted IL-1 α should be stored at working aliquots at -20°C.

DESCRIPTION:

IL-1 α is a potent immuno-modulator that mediates a wide range of immune and inflammatory responses. BioVision's Human IL-1 α is an 18.0 kDa protein containing 159 amino acid residues.

BIOLOGICAL ACTIVITY:

The ED₅₀ as determined by the dose-dependent stimulation of murine D10S cells is <0.001 ng/ml, corresponding to a specific activity of >1 x 10⁹ units/mg.

For Researcher Use Only! Not to be used in humans!

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